

Manufacturer	Polymer type	Size [μm]	Density [g cc ⁻¹]	Method of production	Dispersion	Composition dispersion	Shape	Color	Label	Price [\$]	Quantity	Comments	Weblink
Cospheric, CA, USA	PE	1-1700	0.96	not specified	Powder	-	Spheres	Clear	-	124-4808	0.2-1000g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	1	1.00-1.45	not specified	Powder	-	Spheres	White	-	124-449	0.1-10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PMMA	1-3500	1.20	not specified	Powder	-	Spheres	Clear	-	134-448	5-25g	-	https://www.cospheric.com/PMMA_microspheres_beads_powders.htm
Cospheric, CA, USA	PS	4.8-210	1.07	not specified	Powder	-	Spheres	Clear	-	311-545	0.2-0.5g	Crosslinked	https://www.cospheric.com/polystyrene_polymer_spheres.htm
Cospheric, CA, USA	PE	10-1400	1.00	not specified	Powder	-	Spheres	Green	Fluorescent	124-449	0.1-10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	10-100	1.025	not specified	Powder	-	Spheres	Green	Fluorescent	124-449	0.1-10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	355-500	1.015	not specified	Powder	-	Spheres	Green	Fluorescent	124	10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	27-425	1.010	not specified	Powder	-	Spheres	Green	Fluorescent	124	10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	425-600	1.020	not specified	Powder	-	Spheres	Green	Fluorescent	124	10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	38-500	1.035	not specified	Powder	-	Spheres	Green	Fluorescent	124	10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	10-1180	0.995	not specified	Powder	-	Spheres	Red	Fluorescent	124-449	0.1-10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	10-600	1.200	not specified	Powder	-	Spheres	Red	Fluorescent	124-257	0.1-10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	20-500	1.090	not specified	Powder	-	Spheres	Red	Fluorescent	124-257	0.1-10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	45-500	1.050	not specified	Powder	-	Spheres	Red	Fluorescent	124-257	0.1-10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	10-1200	1.000	not specified	Powder	-	Spheres	Yellow	Fluorescent	124-445	5-10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	45-63	1.020	not specified	Powder	-	Spheres	Yellow	Fluorescent	187-257	5-10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	10-250	1.100	not specified	Powder	-	Spheres	Green	Fluorescent	124-311	5-10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	10-1000	1.000	not specified	Powder	-	Spheres	Flesh tone	Fluorescent	219-356	1g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	10-1000	1.000	not specified	Powder	-	Spheres	Orange	Fluorescent	124-356	0.5-10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	53-355	1.015	not specified	Powder	-	Spheres	Orange	Fluorescent	124-157	10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	53-355	1.03-1.04	not specified	Powder	-	Spheres	Orange	Fluorescent	124-256	10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm

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Cospheric, CA, USA	PE	10-1200	1.000	not specified	Powder	-	Spheres	Blue	-	124-445	0.1-10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	10-600	1.080	not specified	Powder	-	Spheres	Blue	-	124-445	0.1-10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	20-1200	1.00, 1.015	not specified	Powder	-	Spheres	Orange	-	124-256	5-10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	20-1400	1.00, 1.02, 1.05	not specified	Powder	-	Spheres	Gray	-	124-445	0.1-10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	27-425	1.130	not specified	Powder	-	Spheres	Blue	Fluorescent	124-256	1-10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	10-1000	0.980	not specified	Powder	-	Spheres	Red	-	124-356	0.5-10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	100-600	1.070	not specified	Powder	-	Spheres	Red	-	124-157	10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	50-600	1.080	not specified	Powder	-	Spheres	Red	-	124	10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	250-600	1.055-1.065	not specified	Powder	-	Spheres	Red	-	124	10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	425-600	1.09-1.10	not specified	Powder	-	Spheres	Red	-	124	10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	10-1000	1.000	not specified	Powder	-	Spheres	Pink	-	124-256	5-10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	1-5	1.300	not specified	Powder	-	Spheres	Orange-red	Fluorescent	124	0.5g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	1-5	1.300	not specified	Powder	-	Spheres	Pink	Fluorescent	124	0.5g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	1-5	1.300	not specified	Powder	-	Spheres	Red	Fluorescent	124	0.5g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	1-5	1.300	not specified	Powder	-	Spheres	Green	Fluorescent	124	0.5g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	CA	1000-12000	1.300	not specified	Powder	-	Spheres	All	-	62-232	50-300 particles	-	https://www.cospheric.com/cellulose_acetate_polymer_Spheres_particles.htm
Cospheric, CA, USA	PE	10-75	1.000	not specified	Powder	-	Spheres	Violet	Fluorescent	187-445	0.1-10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	150-300	1.060	not specified	Powder	-	Spheres	Violet	Fluorescent	125-157	10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	10-1200	not specified	not specified	Powder	-	Spheres	Clear	Fluorescent	124-257	1-10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	600-2800	0.96	not specified	Powder	-	Spheres	Clear	-	69	10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	0.2-9.9	not specified	not specified	Powder	-	Spheres	-	-	198-257	1g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm

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Cospheric, CA, USA	PE	10-1200	0.980	not specified	Powder	-	Spheres	Green	-	124-311	5-10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	20-600	1.04, 1.14	not specified	Powder	-	Spheres	Yellow-Green	Phosphorescent	124-257	1-10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	5-1200	1.000	not specified	Powder	-	Spheres	Violet	-	124-257	5-10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PS	1000-7000	1.050	not specified	Powder	-	Spheres	Various	-	63-328	100-300 particles	-	https://www.cospheric.com/polystyrene_polymer_spheres.htm
Cospheric, CA, USA	PE	10-1000	0.980	not specified	Powder	-	Spheres	Pink-Yellow	Fluorescent (Rhodamine B)	124-256	5-10g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	PE	10-500	1.000	not specified	Powder	-	Spheres	Yellow	-	156-535	0.1-1g	-	https://www.cospheric.com/polyethylene_PE_microspheres_beads.htm
Cospheric, CA, USA	CA	1000-3000	1.300	not specified	Powder	-	Spheres	Red	-	62-232	100-300 particles	-	https://www.cospheric.com/cellulose_acetate_polymer_Spheres_particles.htm
Cospheric, CA, USA	CA	1600-3000	1.300	not specified	Powder	-	Spheres	Yellow	-	62	100 particles	-	https://www.cospheric.com/cellulose_acetate_polymer_Spheres_particles.htm
Cospheric, CA, USA	PP	2000-8000	0.900	not specified	Powder	-	Spheres	White, Red	-	62	100 particles	-	https://www.cospheric.com/polypropylene_polymer_spheres.htm
Cospheric, CA, USA	CA	1900-2800	1.300	not specified	Powder	-	Spheres	Green	-	62	100 particles	-	https://www.cospheric.com/cellulose_acetate_polymer_Spheres_particles.htm
Cospheric, CA, USA	CA	2000-2500	1.300	not specified	Powder	-	Spheres	Blue	-	62	100 particles	-	https://www.cospheric.com/cellulose_acetate_polymer_Spheres_particles.htm
Spherotech, IL, USA	PS	0.05-0.1	not specified	emulsion-polymerization monomer: styrene initiator: potassium persulfate or benzoyl peroxide	5.0% w/v	Deionized water, 0.02% sodium azide	Spheres	-	-	125	10 mL	-	https://www.spherotech.com/2022%20CATALOG%20Product%20pages%20rev%20b/Polystyrene%20Particles.pdf
Spherotech, IL, USA	PS	0.05-0.1	not specified	emulsion-polymerization monomer: styrene initiator: potassium persulfate or benzoyl peroxide	5.0% w/v	Deionized water, 0.02% sodium azide	Spheres	-	-	1000	100 mL	-	https://www.spherotech.com/2022%20CATALOG%20Product%20pages%20rev%20b/Polystyrene%20Particles.pdf
Spherotech, IL, USA	PS	0.05-0.1	not specified	emulsion-polymerization monomer: styrene initiator: potassium persulfate or benzoyl peroxide	10.0% w/v	Deionized water, 0.02% sodium azide	Spheres	-	-	225	10 mL	-	https://www.spherotech.com/2022%20CATALOG%20Product%20pages%20rev%20b/Polystyrene%20Particles.pdf
Spherotech, IL, USA	PS	0.1-0.2	not specified	emulsion-polymerization monomer: styrene initiator: potassium persulfate or benzoyl peroxide	5.0% w/v	Deionized water, 0.02% sodium azide	Spheres	-	-	125	10 mL	-	https://www.spherotech.com/2022%20CATALOG%20Product%20pages%20rev%20b/Polystyrene%20Particles.pdf
Spherotech, IL, USA	PS	0.1-0.2	not specified	emulsion-polymerization monomer: styrene initiator: potassium persulfate or benzoyl peroxide	10.0% w/v	Deionized water, 0.02% sodium azide	Spheres	-	-	225	10 mL	-	https://www.spherotech.com/2022%20CATALOG%20Product%20pages%20rev%20b/Polystyrene%20Particles.pdf
Spherotech, IL, USA	PS	0.2-0.3	not specified	emulsion-polymerization monomer: styrene initiator: potassium persulfate or benzoyl peroxide	5.0% w/v	Deionized water, 0.02% sodium azide	Spheres	-	-	125	10 mL	-	https://www.spherotech.com/2022%20CATALOG%20Product%20pages%20rev%20b/Polystyrene%20Particles.pdf
Spherotech, IL, USA	PS	0.2-0.3	not specified	emulsion-polymerization monomer: styrene initiator: potassium persulfate or benzoyl peroxide	5.0% w/v	Deionized water, 0.02% sodium azide	Spheres	-	-	1000	100 mL	-	https://www.spherotech.com/2022%20CATALOG%20Product%20pages%20rev%20b/Polystyrene%20Particles.pdf
Spherotech, IL, USA	PS	0.2-0.3	not specified	emulsion-polymerization monomer: styrene initiator: potassium persulfate or benzoyl peroxide	10.0% w/v	Deionized water, 0.02% sodium azide	Spheres	-	-	225	10 mL	-	https://www.spherotech.com/2022%20CATALOG%20Product%20pages%20rev%20b/Polystyrene%20Particles.pdf

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				initiator: potassium persulfate or benzoyl peroxide		sodium azide							ages%20rev%20b/Polystyrene%20Particles.pdf
Spherotech, IL, USA	PS	106.0-124.0	not specified	emulsion-polymerization copolymer: styrene/divinylbenzene initiator: potassium persulfate or benzoyl peroxide	5.0% w/v	Deionized water, 0.02% sodium azide	Spheres	-	-	170	10 mL	Crosslinked	https://www.spherotech.com/2022%20CATALOG%20Product%20pages%20rev%20b/Polystyrene%20Particles.pdf
Spherotech, IL, USA	PS	125.0-149.0	not specified	emulsion-polymerization copolymer: styrene/divinylbenzene initiator: potassium persulfate or benzoyl peroxide	5.0% w/v	Deionized water, 0.02% sodium azide	Spheres	-	-	170	10 mL	Crosslinked	https://www.spherotech.com/2022%20CATALOG%20Product%20pages%20rev%20b/Polystyrene%20Particles.pdf
Spherotech, IL, USA	PS	150.0-175.0	not specified	emulsion-polymerization copolymer: styrene/divinylbenzene initiator: potassium persulfate or benzoyl peroxide	5.0% w/v	Deionized water, 0.02% sodium azide	Spheres	-	-	175	10 mL	Crosslinked	https://www.spherotech.com/2022%20CATALOG%20Product%20pages%20rev%20b/Polystyrene%20Particles.pdf
Spherotech, IL, USA	PS	196.0-211.0	not specified	emulsion-polymerization copolymer: styrene/divinylbenzene initiator: potassium persulfate or benzoyl peroxide	5.0% w/v	Deionized water, 0.02% sodium azide	Spheres	-	-	175	10 mL	Crosslinked	https://www.spherotech.com/2022%20CATALOG%20Product%20pages%20rev%20b/Polystyrene%20Particles.pdf
Spherotech, IL, USA	PS	212.0-249.0	not specified	emulsion-polymerization copolymer: styrene/divinylbenzene initiator: potassium persulfate or benzoyl peroxide	5.0% w/v	Deionized water, 0.02% sodium azide	Spheres	-	-	175	10 mL	Crosslinked	https://www.spherotech.com/2022%20CATALOG%20Product%20pages%20rev%20b/Polystyrene%20Particles.pdf
Spherotech, IL, USA	PS	400.0-600.0	not specified	emulsion-polymerization copolymer: styrene/divinylbenzene initiator: potassium persulfate or benzoyl peroxide	5.0% w/v	Deionized water, 0.02% sodium azide	Spheres	-	-	240	10 mL	Crosslinked	https://www.spherotech.com/2022%20CATALOG%20Product%20pages%20rev%20b/Polystyrene%20Particles.pdf
Spherotech, IL, USA	PS	2.5-2.9	not specified	emulsion-polymerization copolymer: styrene/divinylbenzene initiator: potassium persulfate or benzoyl peroxide	Powder	Deionized water, 0.02% sodium azide	Spheres	-	-	225	1g	Crosslinked	https://www.spherotech.com/2022%20CATALOG%20Product%20pages%20rev%20b/Polystyrene%20Particles.pdf
Spherotech, IL, USA	PS	6.0-8.0	not specified	emulsion-polymerization copolymer: styrene/divinylbenzene initiator: potassium persulfate or benzoyl peroxide	Powder	Deionized water, 0.02% sodium azide	Spheres	-	-	220	1g	Crosslinked	https://www.spherotech.com/2022%20CATALOG%20Product%20pages%20rev%20b/Polystyrene%20Particles.pdf
Spherotech, IL, USA	PS	8.0-12.9	not specified	emulsion-polymerization copolymer: styrene/divinylbenzene initiator: potassium persulfate or benzoyl peroxide	Powder	Deionized water, 0.02% sodium azide	Spheres	-	-	225	1g	Crosslinked	https://www.spherotech.com/2022%20CATALOG%20Product%20pages%20rev%20b/Polystyrene%20Particles.pdf
Spherotech, IL, USA	PS	90.0-105.0	not specified	emulsion-polymerization copolymer: styrene/divinylbenzene initiator: potassium persulfate or benzoyl peroxide	Powder	Deionized water, 0.02% sodium azide	Spheres	-	-	225	1g	Crosslinked	https://www.spherotech.com/2022%20CATALOG%20Product%20pages%20rev%20b/Polystyrene%20Particles.pdf
Spherotech, IL, USA	PS	0.4-0.6	not specified	emulsion-polymerization monomer: styrene initiator: potassium persulfate or benzoyl peroxide	5.0% w/v	Deionized water, 0.02% sodium azide	Spheres	Blue	-	135	10 mL	-	https://www.spherotech.com/2022%20CATALOG%20Product%20pages%20rev%20b/Polystyrene%20Particles.pdf
Spherotech, IL, USA	PS	6.0-8.0	not specified	emulsion-polymerization monomer: styrene initiator: potassium persulfate or benzoyl peroxide	1.0% w/v	Deionized water, 0.02% sodium azide	Spheres	Blue	-	150	5 mL	-	https://www.spherotech.com/2022%20CATALOG%20Product%20pages%20rev%20b/Polystyrene%20Particles.pdf
Spherotech, IL, USA	PS	6.0-8.0	not specified	emulsion-polymerization monomer: styrene initiator: potassium persulfate or benzoyl peroxide	1.0% w/v	Deionized water, 0.02% sodium azide	Spheres	Blue	-	165	5 mL	-	https://www.spherotech.com/2022%20CATALOG%20Product%20pages%20rev%20b/Polystyrene%20Particles.pdf
Spherotech, IL, USA	PS	90.0-105.0	not specified	emulsion-polymerization monomer: styrene initiator: potassium persulfate or benzoyl peroxide	1.0% w/v	Deionized water, 0.02% sodium azide	Spheres	Blue	-	220	5 mL		https://www.spherotech.com/2022%20CATALOG%20Product%20pages%20rev%20b/Polystyrene%20Particles.pdf
Spherotech, IL, USA	PS	0.03-0.06	not specified	emulsion-polymerization monomer: styrene initiator: potassium persulfate or benzoyl peroxide	5.0% w/v	Deionized water, 0.02% sodium azide	Spheres	Blue	-	140	10 mL	Carboxylated	https://www.spherotech.com/2022%20CATALOG%20Product%20pages%20rev%20b/Polystyrene%20Particles.pdf
Spherotech, IL, USA	PS	0.03-0.06	not specified	emulsion-polymerization monomer: styrene	5.0% w/v	Deionized water, 0.02%	Spheres	Blue	-	1120	100 mL	Carboxylated	https://www.spherotech.com/2022%20CATALOG%20Product%20p

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				initiator: potassium persulfate or benzoyl peroxide		sodium azide						(H&L)	ages%20rev%20b/Polystyrene%20Particles.pdf
SpheroTech, IL, USA	PS	3.0-3.9	not specified	emulsion-polymerization monomer: styrene initiator: potassium persulfate or benzoyl peroxide	0.5% w/v	Deionized water, 0.02% sodium azide	Spheres	Blue	-	300	5 mL	Goat anti-mouse IgG (Fc)	https://www.spheroTech.com/2022%20CATALOG%20Product%20pages%20rev%20b/Polystyrene%20Particles.pdf
SpheroTech, IL, USA	PS	2.9-3.9	not specified	emulsion-polymerization monomer: styrene initiator: potassium persulfate or benzoyl peroxide	0.5% w/v	Deionized water, 0.02% sodium azide	Spheres	Red	-	295	5 mL	Goat anti-mouse IgA	https://www.spheroTech.com/2022%20CATALOG%20Product%20pages%20rev%20b/Polystyrene%20Particles.pdf
SpheroTech, IL, USA	PS	3.0-3.9	not specified	emulsion-polymerization monomer: styrene initiator: potassium persulfate or benzoyl peroxide	0.5% w/v	Deionized water, 0.02% sodium azide	Spheres	Blue	-	295	5 mL	Human IgG	https://www.spheroTech.com/2022%20CATALOG%20Product%20pages%20rev%20b/Polystyrene%20Particles.pdf
Polysciences, Inc., PA, USA	PS	0.05-90	not specified	emulsion-polymerization monomer: styrene initiator: potassium persulfate or benzoyl peroxide	2.5% w/v	Deionized water, surfactant (not specified)	Spheres	-	-	~200-500	5-15 mL	-	https://www.polysciences.com/india/awfile/index/attach/file/TDS_788.pdf/
Polysciences, Inc., PA, USA	PS	1, 1.5, 3	not specified	emulsion-polymerization monomer: styrene initiator: potassium persulfate or benzoyl peroxide	Powder	-	Spheres	-	-	~200-500	0.5g	-	https://www.polysciences.com/india/awfile/index/attach/file/TDS_788.pdf/
Polysciences, Inc., PA, USA	PS	0.05-20	not specified	emulsion-polymerization monomer: styrene initiator: potassium persulfate or benzoyl peroxide	2.5% w/v	Deionized water	Spheres	Blue, Red, Green, Orange, Yellow, Violet, Black	-	~200-500	2-15 mL	-	https://www.polysciences.com/india/awfile/index/attach/file/TDS_808.pdf/
Polysciences, Inc., PA, USA	PS	0.05-20	not specified	emulsion-polymerization monomer: styrene initiator: potassium persulfate or benzoyl peroxide	2.5% w/v	Deionized water	Spheres	-	Blue, red, orange, green fluorescence	~200-500	2-15 mL	-	https://www.polysciences.com/india/awfile/index/attach/file/TDS_808.pdf/
Polysciences, Inc., PA, USA	PS	0.05-20	not specified	emulsion-polymerization monomer: styrene initiator: potassium persulfate or benzoyl peroxide	2.5% w/v	Deionized water	Spheres	-	-	~200-500	2-15 mL	Carboxylated, hydroxylated, aminated	https://www.polysciences.com/india/awfile/index/attach/file/TDS_808.pdf/
Goodfellow Cambridge Ltd., UK	PA	45-65	not specified	not specified	Powder	-	not specified	-	-	on request	10-10000g	-	https://www.goodfellow.com/global/nylon-6-powder-group
Goodfellow Cambridge Ltd., UK	PA	15-20	not specified	not specified	Powder	-	Spheres	-	-	on request	10-10000g	-	https://www.goodfellow.com/global/nylon-6-spheroidal-powder-group
Goodfellow Cambridge Ltd., UK	Nylon 12	90	not specified	not specified	Powder	-	not specified	-	-	on request	10-20000g	-	https://www.goodfellow.com/global/vestosint-1111-nylon-12-powder-group
Goodfellow Cambridge Ltd., UK	Nylon 12	25-30	not specified	not specified	Powder	-	not specified	-	-	on request	10-10000g	-	https://www.goodfellow.com/global/nylon-12-powder-group
Goodfellow Cambridge Ltd., UK	PAN	50	not specified	not specified	Powder	-	not specified	-	-	on request	10-25000g	-	https://www.goodfellow.com/global/pan-powder-group
Goodfellow Cambridge Ltd., UK	PHB	300	not specified	not specified	Powder	-	not specified	-	-	on request	10-10000g	-	https://www.goodfellow.com/global/phb-phv1-powder-group
Goodfellow Cambridge Ltd., UK	PHV	300	not specified	not specified	Powder	-	not specified	-	-	on request	10-10000g	-	https://www.goodfellow.com/global/phb-phv1-powder-group
Goodfellow Cambridge Ltd., UK	PVDC	<180	not specified	not specified	Powder	-	not specified	-	-	on request	10-10000g	-	https://www.goodfellow.com/global/pvdc-powder-group
Goodfellow Cambridge Ltd., UK	PEEK	<100	not specified	not specified	Powder	-	not specified	-	-	on request	10-10000g	-	https://www.goodfellow.com/global/peek-powder-group
Goodfellow Cambridge	LD-PE	300, 600	not specified	not specified	Powder	-	not specified	-	-	on request	10-10000g	-	https://www.goodfellow.com/global/ldpe-powder-group

Ltd., UK													
Goodfellow Cambridge Ltd., UK	PTFE	20	not specified	not specified	Powder	-	not specified	-	-	on request	10-10000g	-	https://www.goodfellow.com/global/ptfe-powder-group
Goodfellow Cambridge Ltd., UK	PMMA	6, 10, 15, 48, 59, 85	not specified	not specified	Powder	-	Spheres	-	-	on request	10-200000g	-	https://www.goodfellow.com/global/pmma-spherical-powder-group
Goodfellow Cambridge Ltd., UK	PET	<300	not specified	not specified	Powder	-	not specified	-	-	on request	10-10000g	Copolymer	https://www.goodfellow.com/global/pet-powder-group
Applied Physics	PS	0.02	1.05	not specified	1.0% w/v	Deionized water, trace amounts of surfactant	Spheres	-	-	495	5 mL	NIST Traceable standards	https://appliedphysicsusa.com/product/pslspheres-20nm-900nm/
Applied Physics	PS	0.03	1.05	not specified	1.0% w/v	Deionized water, trace amounts of surfactant	Spheres	-	-	495	5 mL	NIST Traceable standards	https://appliedphysicsusa.com/product/pslspheres-20nm-900nm/
Applied Physics	PS	0.04	1.05	not specified	1.0% w/v	Deionized water, trace amounts of surfactant	Spheres	-	-	495	5 mL	NIST Traceable standards	https://appliedphysicsusa.com/product/pslspheres-20nm-900nm/
Applied Physics	PS	0.05	1.05	not specified	1.0% w/v	Deionized water, trace amounts of surfactant	Spheres	-	-	495	5 mL	NIST Traceable standards	https://appliedphysicsusa.com/product/pslspheres-20nm-900nm/
Applied Physics	PS	0.06	1.05	not specified	1.0% w/v	Deionized water, trace amounts of surfactant	Spheres	-	-	495	5 mL	NIST Traceable standards	https://appliedphysicsusa.com/product/pslspheres-20nm-900nm/
Applied Physics	PS	0.07	1.05	not specified	1.0% w/v	Deionized water, trace amounts of surfactant	Spheres	-	-	495	5 mL	NIST Traceable standards	https://appliedphysicsusa.com/product/pslspheres-20nm-900nm/
Applied Physics	PS	0.08	1.05	not specified	1.0% w/v	Deionized water, trace amounts of surfactant	Spheres	-	-	495	5 mL	NIST Traceable standards	https://appliedphysicsusa.com/product/pslspheres-20nm-900nm/
Applied Physics	PS	0.09	1.05	not specified	1.0% w/v	Deionized water, trace amounts of surfactant	Spheres	-	-	495	5 mL	NIST Traceable standards	https://appliedphysicsusa.com/product/pslspheres-20nm-900nm/
Applied Physics	PS	0.1	1.05	not specified	1.0% w/v	Deionized water, trace amounts of surfactant	Spheres	-	-	495	5 mL	NIST Traceable standards	https://appliedphysicsusa.com/product/pslspheres-20nm-900nm/
Applied Physics	PS	0.125	1.05	not specified	1.0% w/v	Deionized water, trace amounts of surfactant	Spheres	-	-	495	5 mL	NIST Traceable standards	https://appliedphysicsusa.com/product/pslspheres-20nm-900nm/
Applied Physics	PS	0.15	1.05	not specified	1.0% w/v	Deionized water, trace amounts of surfactant	Spheres	-	-	495	5 mL	NIST Traceable standards	https://appliedphysicsusa.com/product/pslspheres-20nm-900nm/
Applied Physics	PS	0.175	1.05	not specified	1.0% w/v	Deionized water, trace amounts of surfactant	Spheres	-	-	495	5 mL	NIST Traceable standards	https://appliedphysicsusa.com/product/pslspheres-20nm-900nm/
Applied Physics	PS	0.2	1.05	not specified	1.0% w/v	Deionized water, trace amounts of surfactant	Spheres	-	-	495	5 mL	NIST Traceable standards	https://appliedphysicsusa.com/product/pslspheres-20nm-900nm/

Applied Physics	PS	30	1.05	not specified	< 0.6% w/v	Deionized water, trace amounts of surfactant	Spheres	-	-	545	15 mL or 100 mL	NIST Traceable standards	https://appliedphysicsusa.com/product/pslspheres-1um-160um/
Applied Physics	PS	40	1.05	not specified	< 0.7% w/v	Deionized water, trace amounts of surfactant	Spheres	-	-	545	15 mL or 100 mL	NIST Traceable standards	https://appliedphysicsusa.com/product/pslspheres-1um-160um/
Applied Physics	PS	50	1.05	not specified	< 1.4% w/v	Deionized water, trace amounts of surfactant	Spheres	-	-	545	15 mL or 100 mL	NIST Traceable standards	https://appliedphysicsusa.com/product/pslspheres-1um-160um/
Applied Physics	PS	60	1.05	not specified	< 1.2% w/v	Deionized water, trace amounts of surfactant	Spheres	-	-	545	15 mL or 100 mL	NIST Traceable standards	https://appliedphysicsusa.com/product/pslspheres-1um-160um/
Applied Physics	PS	70	1.05	not specified	< 2% w/v	Deionized water, trace amounts of surfactant	Spheres	-	-	545	15 mL or 100 mL	NIST Traceable standards	https://appliedphysicsusa.com/product/pslspheres-1um-160um/
Applied Physics	PS	80	1.05	not specified	< 2% w/v	Deionized water, trace amounts of surfactant	Spheres	-	-	545	15 mL or 100 mL	NIST Traceable standards	https://appliedphysicsusa.com/product/pslspheres-1um-160um/
Applied Physics	PS	100	1.05	not specified	< 3% w/v	Deionized water, trace amounts of surfactant	Spheres	-	-	545	15 mL or 100 mL	NIST Traceable standards	https://appliedphysicsusa.com/product/pslspheres-1um-160um/
Applied Physics	PS	115	1.05	not specified	< 3% w/v	Deionized water, trace amounts of surfactant	Spheres	-	-	545	15 mL or 100 mL	NIST Traceable standards	https://appliedphysicsusa.com/product/pslspheres-1um-160um/
Applied Physics	PS	140	1.05	not specified	< 4% w/v	Deionized water, trace amounts of surfactant	Spheres	-	-	545	15 mL or 100 mL	NIST Traceable standards	https://appliedphysicsusa.com/product/pslspheres-1um-160um/
Applied Physics	PS	160	1.05	not specified	< 5% w/v	Deionized water, trace amounts of surfactant	Spheres	-	-	545	15 mL or 100 mL	NIST Traceable standards	https://appliedphysicsusa.com/product/pslspheres-1um-160um/
Bundesanstalt für Materialforschung und -prüfung (BAM)	PE	61	< 1.00	Artificially aged with UV-light and cryomilled	Powder	-	Fragment s	-	-	320	10 mg	-	https://webshop.bam.de/webshop_en/reference-material/polymeric-materials/microplastics/bam-p201.html
Bundesanstalt für Materialforschung und -prüfung (BAM)	PS	206	1.05	Cryomilled	Powder	-	Fragment s	-	-	210	1 g	-	https://webshop.bam.de/webshop_en/reference-material/polymeric-materials/microplastics/bam-p201-531.html
Bundesanstalt für Materialforschung und -prüfung (BAM)	PET	63	not specified	Cryomilled	Powder	-	Fragment s	-	-	320	1 g	-	https://webshop.bam.de/webshop_en/reference-material/polymeric-materials/microplastics/bam-p206.html
National Institute of Standards and Technology	PS	29.64	1.05	anionic polymerization with well-defined styrene and tertiary butyl end groups.	0.5 % w/w	Deionized water, 50 ppm sodium azide	Spheres	-	-	1280	5 mL	NIST Standard Reference Material - Size certified	https://shop.nist.gov/ccrz_ProductDetails?sku=1961&cclcl=en_US

National Institute of Standards and Technology	PS	0.895	1.05	anionic polymerization with well-defined styrene and tertiary butyl end groups.	0.5 % w/w	Deionized water, 50 ppm sodium azide	Spheres	-	-	-	-	NIST Standard Reference Material - Size certified	https://shop.nist.gov/ccrz__ProductDetails?sku=1690&cclcl=en_US
National Institute of Standards and Technology	PS	0.269	1.05	anionic polymerization with well-defined styrene and tertiary butyl end groups.	0.5 % w/w	Deionized water, 50 ppm sodium azide	Spheres	-	-	-	-	NIST Standard Reference Material - Size certified	https://shop.nist.gov/ccrz__ProductDetails?sku=1691&cclcl=en_US
National Institute of Standards and Technology	PS	0.1018	1.05	anionic polymerization with well-defined styrene and tertiary butyl end groups.	0.5 % w/w	Deionized water, 50 ppm sodium azide	Spheres	-	-	-	-	NIST Standard Reference Material - Size certified	https://shop.nist.gov/ccrz__ProductDetails?sku=1963a&cclcl=en_US
National Institute of Standards and Technology	PS	0.06	1.05	anionic polymerization with well-defined styrene and tertiary butyl end groups.	0.5 % w/w	Deionized water, 50 ppm sodium azide	Spheres	-	-	-	-	NIST Standard Reference Material - Size certified	https://shop.nist.gov/ccrz__ProductDetails?sku=1964&cclcl=en_US
Sigma-Aldrich	PS	not specified	1.05	not specified	Powder	-	not specified	White	¹³ C	-	-	-	https://www.sigmaaldrich.com/US/en/product/aldrich/604445
Sigma-Aldrich	PE	not specified	not specified	not specified	Powder	-	not specified	White	¹³ C	2250	100 mg	-	https://www.sigmaaldrich.com/US/en/product/aldrich/493279
Sigma-Aldrich	PE	not specified	not specified	not specified	Powder	-	not specified	White	Deuterated (d2)	-	-	-	https://www.sigmaaldrich.com/CH/fr/product/aldrich/616842
Sigma-Aldrich	PE	not specified	not specified	not specified	Powder	-	not specified	White	Deuterated (d4)	6040	5 g	-	https://www.sigmaaldrich.com/US/en/product/aldrich/487007
Sigma-Aldrich	PP	not specified	not specified	not specified	Powder	-	not specified	White	¹³ C	-	-	-	https://www.sigmaaldrich.com/US/en/product/aldrich/600067
Sigma-Aldrich	PS	not specified	not specified	not specified	Powder	-	not specified	White	Deuterated (d8)	-	-	-	https://www.sigmaaldrich.com/CH/fr/product/aldrich/616834
Sigma-Aldrich	PS	1	1.06	not specified	5% w/v	not specified	Spheres	Dark red	-	367	5 mL	2% crosslinked	https://www.sigmaaldrich.com/CH/fr/substance/microparticlesbasedonpolystyrenedarkred1234598765
Sigma-Aldrich	PS	3	1.06	not specified	5% w/v	not specified	Spheres	Dark red	-	355	5 mL	2% crosslinked	https://www.sigmaaldrich.com/CH/fr/substance/microparticlesbasedonpolystyrenedarkred1234598765
Sigma-Aldrich	PS	10	1.06	not specified	5% w/v	not specified	Spheres	Dark red	-	404	5 mL	2% crosslinked	https://www.sigmaaldrich.com/CH/fr/substance/microparticlesbasedonpolystyrenedarkred1234598765
Sigma-Aldrich	PS	100	1.06	not specified	5% w/v	not specified	Spheres	Dark red	-	505	5 mL	2% crosslinked	https://www.sigmaaldrich.com/CH/fr/substance/microparticlesbasedonpolystyrenedarkred1234598765
Sigma-Aldrich	PS	0.1	1.05	not specified	10% w/v	not specified	Spheres	-	-	402	5 mL	-	https://www.sigmaaldrich.com/US/en/substance/microparticlesbase donpolystyrene1234598765
Sigma-Aldrich	PS	0.2	1.05	not specified	10% w/v	not specified	Spheres	-	-	375	5 mL	-	https://www.sigmaaldrich.com/US/en/substance/microparticlesbase donpolystyrene1234598765
Sigma-Aldrich	PS	0.5	1.05	not specified	10% w/v	not specified	Spheres	-	-	385	5 mL	-	https://www.sigmaaldrich.com/US/en/substance/microparticlesbase donpolystyrene1234598765
Sigma-Aldrich	PS	0.6	1.05	not specified	10% w/v	not specified	Spheres	-	-	373	5 mL	-	https://www.sigmaaldrich.com/US/en/substance/microparticlesbase donpolystyrene1234598765
Sigma-Aldrich	PS	0.8	1.05	not specified	10% w/v	not specified	Spheres	-	-	373	5 mL	-	https://www.sigmaaldrich.com/US/en/substance/microparticlesbase donpolystyrene1234598765

Sigma-Aldrich	PS	1	1.05	not specified	10% w/v	not specified	Spheres	-	-	365	5 mL	-	https://www.sigmaaldrich.com/US/en/substance/microparticlesbase_donpolystyrene1234598765
Sigma-Aldrich	PS	2	1.05	not specified	10% w/v	not specified	Spheres	-	-	343	5 mL	-	https://www.sigmaaldrich.com/US/en/substance/microparticlesbase_donpolystyrene1234598765
Sigma-Aldrich	PS	3	1.05	not specified	10% w/v	not specified	Spheres	-	-	333	5 mL	-	https://www.sigmaaldrich.com/US/en/substance/microparticlesbase_donpolystyrene1234598765
Sigma-Aldrich	PS	5	1.05	not specified	10% w/v	not specified	Spheres	-	-	339	5 mL	-	https://www.sigmaaldrich.com/US/en/substance/microparticlesbase_donpolystyrene1234598765
Sigma-Aldrich	PS	7	1.05	not specified	10% w/v	not specified	Spheres	-	-	384	5 mL	-	https://www.sigmaaldrich.com/US/en/substance/microparticlesbase_donpolystyrene1234598765
Sigma-Aldrich	PS	8	1.05	not specified	10% w/v	not specified	Spheres	-	-	367	5 mL	-	https://www.sigmaaldrich.com/US/en/substance/microparticlesbase_donpolystyrene1234598765
Sigma-Aldrich	PS	10	1.05	not specified	10% w/v	not specified	Spheres	-	-	395	5 mL	-	https://www.sigmaaldrich.com/US/en/substance/microparticlesbase_donpolystyrene1234598765
Sigma-Aldrich	PS	15	1.05	not specified	10% w/v	not specified	Spheres	-	-	297	5 mL	-	https://www.sigmaaldrich.com/US/en/substance/microparticlesbase_donpolystyrene1234598765
Sigma-Aldrich	PS	20	1.05	not specified	10% w/v	not specified	Spheres	-	-	284	5 mL	-	https://www.sigmaaldrich.com/US/en/substance/microparticlesbase_donpolystyrene1234598765
Sigma-Aldrich	PS	25	1.05	not specified	10% w/v	not specified	Spheres	-	-	284	5 mL	-	https://www.sigmaaldrich.com/US/en/substance/microparticlesbase_donpolystyrene1234598765
Sigma-Aldrich	PS	30	1.05	not specified	10% w/v	not specified	Spheres	-	-	297	5 mL	-	https://www.sigmaaldrich.com/US/en/substance/microparticlesbase_donpolystyrene1234598765
Sigma-Aldrich	PS	150	1.05	not specified	10% w/v	not specified	Spheres	-	-	496	5 mL	-	https://www.sigmaaldrich.com/US/en/substance/microparticlesbase_donpolystyrene1234598765
Sigma-Aldrich	PS	200	1.05	not specified	10% w/v	not specified	Spheres	-	-	479	5 mL	-	https://www.sigmaaldrich.com/US/en/substance/microparticlesbase_donpolystyrene1234598765
Sigma-Aldrich	PS	250	1.05	not specified	10% w/v	not specified	Spheres	-	-	301	5 mL	-	https://www.sigmaaldrich.com/US/en/substance/microparticlesbase_donpolystyrene1234598765
Sigma-Aldrich	PS	430	1.05	not specified	10% w/v	not specified	Spheres	-	-	479	5 mL	-	https://www.sigmaaldrich.com/US/en/substance/microparticlesbase_donpolystyrene1234598765
Polymer Sources	PEG	not specified	not specified	Anionic polymerization, see weblink for details	Powder	-	not specified	-	¹³ C	4000	0.5 g	-	https://www.polymersource.ca/index.php?route=product/category&path=1_11_1371&subtract=1&categorystart=C-6.1&serachproduct=
Polymer Sources	PS	not specified	not specified	Anionic polymerization, see weblink for details	Powder	-	not specified	-	¹³ C	5000	0.5 g	-	https://www.polymersource.ca/index.php?route=product/category&path=1_11_2870&subtract=1&categorystart=C-6.2&serachproduct=
Polymer Sources	PAN	not specified	not specified	Reversible addition-fragmentation chain-transfer polymerization of d3 acrylamide	Powder	-	not specified	-	Deuterated (d3)	1000	0.5 g	-	https://www.polymersource.ca/index.php?route=product/category&path=1_6_38_331&subtract=1&categorystart=C-1.2.1&serachproduct=
Polymer Sources	PMMA	not specified	not specified	Anionic polymerization, see weblink for details	Powder	-	not specified	-	Deuterated (d3, d5, d6, d8)	400-1000	0.5 g	available in different molecular weights	https://www.polymersource.ca/index.php?route=product/category&path=1_6_33_245&subtract=1&categorystart=C-1.5.9&serachproduct=

Polymer Sources	PE	not specified	not specified	Anionic polymerization, see weblink for details	Powder	-	not specified	-	Deuterated (d2, d4)	2500	0.5 g	available in different molecular weights	https://www.polymersource.ca/index.php?route=product/category&path=1_6_36&subtract=1&categorystart=C-1.6&serachproduct=
Polymer Sources	PS	not specified	not specified	Anionic polymerization, see weblink for details	Powder	-	not specified	-	Deuterated (d1, d2, d3, d5, d8)	200-500	0.5 g	available in different molecular weights	https://www.polymersource.ca/index.php?route=product/category&path=1_6_40_2287&subtract=1&categorystart=C-1.9.1&serachproduct=
Scientific Polymer	PS	not specified	1.05	not specified	Powder	-	not specified	-	-	35	10 g	Polystyrene, monohydroxy terminated	https://scipoly.com/shop/polystyrene-monohydroxy-terminated-5/
Scientific Polymer	PS	not specified	1.05	not specified	Powder	-	not specified	-	-	20	10 g	Polystyrene, monocarboxy terminated	https://scipoly.com/shop/polystyrene-monocarboxy-terminated-11/
Scientific Polymer	PS	not specified	1.05	not specified	Powder	-	not specified	-	-	20	10 g	Polystyrene, monomethacrylate terminated	https://scipoly.com/shop/polystyrene-monomethacrylate-terminated-2/
Scientific Polymer	PS	not specified	1.05	not specified	Powder	-	not specified	-	-	35	10 g	Polystyrene, dicarboxy terminated	https://scipoly.com/shop/polystyrene-dicarboxy-terminated-7/
Scientific Polymer	PS	not specified	1.05	not specified	Powder	-	not specified	-	-	38	1 g	Poly(2-bromostyrene)	https://scipoly.com/shop/poly2-bromostyrene-2/
Scientific Polymer	PS	not specified	1.05	not specified	Powder	-	not specified	-	-	38	1 g	Poly(3-bromostyrene)	https://scipoly.com/shop/poly3-bromostyrene-2/
Scientific Polymer	PS	not specified	1.05	not specified	Powder	-	not specified	-	-	38	1 g	Poly(4-bromostyrene)	https://scipoly.com/shop/poly4-bromostyrene-2/
Scientific Polymer	PMMA	not specified	1.20	not specified	Powder	-	Beads	-	-	25-68	50 or 250 g	available in different molecular weights	https://scipoly.com/shop/polymethyl-methacrylate-25/
Scientific Polymer	PVC	not specified	1.40	not specified	Powder	-	not specified	-	-	25	500 g	available in different molecular weights	https://scipoly.com/shop/polyvinyl-chloride-11/
Scientific Polymer	PVC	not specified	1.40	not specified	Powder	-	not specified	-	-	25	250 g	carboxylated	https://scipoly.com/shop/polyvinyl-chloride-carboxylated-2/
Scientific Polymer	PC	not specified	1.20	not specified	Powder	-	Pellet	-	-	43	250 g	available in different molecular weights	https://scipoly.com/shop/polycarbonate-5/
Scientific Polymer	PA	not specified	1.14	not specified	Powder	-	Pellet	-	-	33	250 g	-	https://scipoly.com/shop/nylon-6-2/
Scientific Polymer	EVAc	not specified	0.97	not specified	Powder	-	Beads	-	-	50	250 g	Ethylene/vinyl acetate copolymer	https://scipoly.com/shop/ethylene-vinyl-acetate-copolymers-6/
Scientific Polymer	PAN	not specified	1.18	not specified	Powder	-	not specified	-	-	65	100 g	-	https://scipoly.com/shop/polyacrylonitrile-3/
Scientific Polymer	PSU	not specified	1.24	not specified	Powder	-	Pellet	-	-	38	100 g	-	https://scipoly.com/shop/polysulfone-2/
Agilent PSS	PET	not specified	not specified	not specified	Powder	-	not specified	-	-	551	0.25 g	available in different molecular weights	https://www.agilent.com/en/product/gpc-sec-columns-standards/gpc-sec-standards/poly-ethylene-terephthalate-standards
Agilent PSS	PE	not specified	not specified	not specified	Powder	-	not specified	-	-	258	0.25 g	-	https://www.agilent.com/en/product/gpc-sec-columns-standards/gpc-sec-standards/polyethylene-standards

Microplastic solution	PET	length = 50-1000, diameter = 10 -20	1.38	not specified	Solution	95% ethanol	Fibers	clear, black, orange, blue, green, violet	-	400	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-materials-fibers
Microplastic solution	PA	length = 50-1000, diameter = 10 -20	1.10-1.14	not specified	Solution	95% ethanol	Fibers	clear, black, orange, blue, green, violet	-	400	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-materials-fibers
Microplastic solution	PAN	length = 50-1000, diameter = 10 -20	1.15	not specified	Solution	95% ethanol	Fibers	clear, black, orange, blue, green, violet	-	400	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-materials-fibers
Microplastic solution	PP	length = 50-1000, diameter = 10 -20	0.91	not specified	Solution	95% ethanol	Fibers	clear, black, orange, blue, green, violet	-	400	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-materials-fibers
Microplastic solution	PE	10-100	0.96-1.00	cryomilling	Solution	95% ethanol	Fragment s	Clear, red, violet	optional: fluorescent (yellow)	400	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-material-fragments-10-100%C2%B5m
Microplastic solution	PP	10-100	0.90-0.92	cryomilling	Solution	95% ethanol	Fragment s	Clear, red, violet	optional: fluorescent (yellow)	400	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-material-fragments-10-100%C2%B5m
Microplastic solution	PVC	10-100	1.30-1.38	cryomilling	Solution	95% ethanol	Fragment s	Clear, red, violet	optional: fluorescent (yellow)	400	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-material-fragments-10-100%C2%B5m
Microplastic solution	PET	10-100	1.38	cryomilling	Solution	95% ethanol	Fragment s	Clear, red, violet	optional: fluorescent (yellow)	400	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-material-fragments-10-100%C2%B5m
Microplastic solution	PU	10-100	1.10-1.20	cryomilling	Solution	95% ethanol	Fragment s	Clear, red, violet	optional: fluorescent (yellow)	400	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-material-fragments-10-100%C2%B5m
Microplastic solution	PS	10-100	1.03-1.05	cryomilling	Solution	95% ethanol	Fragment s	Clear, red, violet	optional: fluorescent (yellow)	400	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-material-fragments-10-100%C2%B5m
Microplastic solution	ABS	10-100	1.06-1.08	cryomilling	Solution	95% ethanol	Fragment s	Clear, red, violet	optional: fluorescent (yellow)	400	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-material-fragments-10-100%C2%B5m
Microplastic solution	PA	10-100	1.10-1.14	cryomilling	Solution	95% ethanol	Fragment s	Clear, red, violet	optional: fluorescent (yellow)	400	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-material-fragments-10-100%C2%B5m
Microplastic solution	PMMA	10-100	1.18-1.20	cryomilling	Solution	95% ethanol	Fragment s	Clear, red, violet	optional: fluorescent (yellow)	400	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-material-fragments-10-100%C2%B5m
Microplastic solution	PC	10-100	1.20-1.22	cryomilling	Solution	95% ethanol	Fragment s	Clear, red, violet	optional: fluorescent (yellow)	400	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-material-fragments-10-100%C2%B5m
Microplastic solution	CA	10-100	1.30	cryomilling	Solution	95% ethanol	Fragment s	Clear, red, violet	optional: fluorescent (yellow)	400	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-material-fragments-10-100%C2%B5m
Microplastic solution	PLA	10-100	1.20-1.30	cryomilling	Solution	95% ethanol	Fragment s	Clear, red, violet	optional: fluorescent (yellow)	400	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-material-fragments-10-100%C2%B5m

Microplastic solution	PTFE	10-100	2.17-2.20	cryomilling	Solution	95% ethanol	Fragment s	Clear, red, violet	optional: fluorescent (yellow)	400	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-material-fragments-10-100%C2%B5m
Microplastic solution	POM	10-100	1.40-1.42	cryomilling	Solution	95% ethanol	Fragment s	Clear, red, violet	optional: fluorescent (yellow)	400	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-material-fragments-10-100%C2%B5m
Microplastic solution	PE	100-500	0.96-1.00	cryomilling	Solution	95% ethanol	Fragment s	clear, black, orange, blue	-	300	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-materials-fragments-100-500%C2%B5m
Microplastic solution	PP	100-500	0.90-0.92	cryomilling	Solution	95% ethanol	Fragment s	clear, black, orange, blue	-	300	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-materials-fragments-100-500%C2%B5m
Microplastic solution	PVC	100-500	1.30-1.38	cryomilling	Solution	95% ethanol	Fragment s	clear, black, orange, blue	-	300	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-materials-fragments-100-500%C2%B5m
Microplastic solution	PET	100-500	1.38	cryomilling	Solution	95% ethanol	Fragment s	clear, black, orange, blue	-	300	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-materials-fragments-100-500%C2%B5m
Microplastic solution	PU	100-500	1.10-1.20	cryomilling	Solution	95% ethanol	Fragment s	clear, black, orange, blue	-	300	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-materials-fragments-100-500%C2%B5m
Microplastic solution	PS	100-500	1.03-1.05	cryomilling	Solution	95% ethanol	Fragment s	clear, black, orange, blue	-	300	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-materials-fragments-100-500%C2%B5m
Microplastic solution	ABS	100-500	1.06-1.08	cryomilling	Solution	95% ethanol	Fragment s	clear, black, orange, blue	-	300	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-materials-fragments-100-500%C2%B5m
Microplastic solution	PA	100-500	1.10-1.14	cryomilling	Solution	95% ethanol	Fragment s	clear, black, orange, blue	-	300	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-materials-fragments-100-500%C2%B5m
Microplastic solution	PMMA	100-500	1.18-1.20	cryomilling	Solution	95% ethanol	Fragment s	clear, black, orange, blue	-	300	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-materials-fragments-100-500%C2%B5m
Microplastic solution	PC	100-500	1.20-1.22	cryomilling	Solution	95% ethanol	Fragment s	clear, black, orange, blue	-	300	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-materials-fragments-100-500%C2%B5m
Microplastic solution	CA	100-500	1.30	cryomilling	Solution	95% ethanol	Fragment s	clear, black, orange, blue	-	300	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-materials-fragments-100-500%C2%B5m
Microplastic solution	PLA	100-500	1.20-1.30	cryomilling	Solution	95% ethanol	Fragment s	clear, black, orange, blue	-	300	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-materials-fragments-100-500%C2%B5m
Microplastic solution	PTFE	100-500	2.17-2.20	cryomilling	Solution	95% ethanol	Fragment s	clear, black, orange, blue	-	300	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-materials-fragments-100-500%C2%B5m
Microplastic solution	POM	100-500	1.40-1.42	cryomilling	Solution	95% ethanol	Fragment s	clear, black, orange, blue	-	300	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-materials-fragments-100-500%C2%B5m

Microplastic solution	PE	500-1000	0.96-1.00	cryomilling	Powder	-	Fragment s	clear, black, orange, blue	-	150	0.5 or 1 g	-	https://www.microplasticsolution.com/product-page/microplastic-reference-material-fragments-500-1000%C2%B5m
Microplastic solution	PP	500-1000	0.90-0.92	cryomilling	Powder	-	Fragment s	clear, black, orange, blue	-	150	0.5 or 1 g	-	https://www.microplasticsolution.com/product-page/microplastic-reference-material-fragments-500-1000%C2%B5m
Microplastic solution	PVC	500-1000	1.30-1.38	cryomilling	Powder	-	Fragment s	clear, black, orange, blue	-	150	0.5 or 1 g	-	https://www.microplasticsolution.com/product-page/microplastic-reference-material-fragments-500-1000%C2%B5m
Microplastic solution	PET	500-1000	1.38	cryomilling	Powder	-	Fragment s	clear, black, orange, blue	-	150	0.5 or 1 g	-	https://www.microplasticsolution.com/product-page/microplastic-reference-material-fragments-500-1000%C2%B5m
Microplastic solution	PU	500-1000	1.10-1.20	cryomilling	Powder	-	Fragment s	clear, black, orange, blue	-	150	0.5 or 1 g	-	https://www.microplasticsolution.com/product-page/microplastic-reference-material-fragments-500-1000%C2%B5m
Microplastic solution	PS	500-1000	1.03-1.05	cryomilling	Powder	-	Fragment s	clear, black, orange, blue	-	150	0.5 or 1 g	-	https://www.microplasticsolution.com/product-page/microplastic-reference-material-fragments-500-1000%C2%B5m
Microplastic solution	ABS	500-1000	1.06-1.08	cryomilling	Powder	-	Fragment s	clear, black, orange, blue	-	150	0.5 or 1 g	-	https://www.microplasticsolution.com/product-page/microplastic-reference-material-fragments-500-1000%C2%B5m
Microplastic solution	PA	500-1000	1.10-1.14	cryomilling	Powder	-	Fragment s	clear, black, orange, blue	-	150	0.5 or 1 g	-	https://www.microplasticsolution.com/product-page/microplastic-reference-material-fragments-500-1000%C2%B5m
Microplastic solution	PMMA	500-1000	1.18-1.20	cryomilling	Powder	-	Fragment s	clear, black, orange, blue	-	150	0.5 or 1 g	-	https://www.microplasticsolution.com/product-page/microplastic-reference-material-fragments-500-1000%C2%B5m
Microplastic solution	PC	500-1000	1.20-1.22	cryomilling	Powder	-	Fragment s	clear, black, orange, blue	-	150	0.5 or 1 g	-	https://www.microplasticsolution.com/product-page/microplastic-reference-material-fragments-500-1000%C2%B5m
Microplastic solution	CA	500-1000	1.30	cryomilling	Powder	-	Fragment s	clear, black, orange, blue	-	150	0.5 or 1 g	-	https://www.microplasticsolution.com/product-page/microplastic-reference-material-fragments-500-1000%C2%B5m
Microplastic solution	PLA	500-1000	1.20-1.30	cryomilling	Powder	-	Fragment s	clear, black, orange, blue	-	150	0.5 or 1 g	-	https://www.microplasticsolution.com/product-page/microplastic-reference-material-fragments-500-1000%C2%B5m
Microplastic solution	PTFE	500-1000	2.17-2.20	cryomilling	Powder	-	Fragment s	clear, black, orange, blue	-	150	0.5 or 1 g	-	https://www.microplasticsolution.com/product-page/microplastic-reference-material-fragments-500-1000%C2%B5m
Microplastic solution	POM	500-1000	1.40-1.42	cryomilling	Powder	-	Fragment s	clear, black, orange, blue	-	150	0.5 or 1 g	-	https://www.microplasticsolution.com/product-page/microplastic-reference-material-fragments-500-1000%C2%B5m
Microplastic solution	PE	10-30, 40-60, 100-140	0.96-1.00	not specified	Solution	-	Spheres	clear, orange, blue	optional: fluorescent (yellow)	300	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-materials-beads
Microplastic solution	PMMA	10-30, 40-60, 100-141	1.20	not specified	Solution	-	Spheres	clear, orange, blue	optional: fluorescent (yellow)	300	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-materials-beads
Microplastic solution	PS	10-30, 40-60, 100-142	1.03-1.05	not specified	Solution	-	Spheres	clear, orange, blue	optional: fluorescent	300	30 or 100 mL	-	https://www.microplasticsolution.com/product-page/microplastic-reference-materials-beads

									(yellow)				reference-materials-beads
ZeptoMetrix	PE	50-300	not specified	not specified	Tablet	-	Fragment s	-	-	on request	50-70 particles	-	https://zeptometrix-site-resources-prod.s3.us-east-2.amazonaws.com/Product+Literature/Analytical+Product+Literature/5029_SC_Rev02_Microplastics+Products.pdf
ZeptoMetrix	PET	50-300	not specified	not specified	Tablet	-	Fragment s	-	-	on request	50-70 particles		https://zeptometrix-site-resources-prod.s3.us-east-2.amazonaws.com/Product+Literature/Analytical+Product+Literature/5029_SC_Rev02_Microplastics+Products.pdf
ZeptoMetrix	PS	50-300	not specified	not specified	Tablet	-	Fragment s	-	-	on request	50-70 particles		https://zeptometrix-site-resources-prod.s3.us-east-2.amazonaws.com/Product+Literature/Analytical+Product+Literature/5029_SC_Rev02_Microplastics+Products.pdf
ZeptoMetrix	PP	50-300	not specified	not specified	Tablet	-	Fragment s	-	-	on request	50-70 particles		https://zeptometrix-site-resources-prod.s3.us-east-2.amazonaws.com/Product+Literature/Analytical+Product+Literature/5029_SC_Rev02_Microplastics+Products.pdf
ZeptoMetrix	PVC	50-300	not specified	not specified	Tablet	-	Fragment s	-	-	on request	50-70 particles		https://zeptometrix-site-resources-prod.s3.us-east-2.amazonaws.com/Product+Literature/Analytical+Product+Literature/5029_SC_Rev02_Microplastics+Products.pdf
ZeptoMetrix	PC	50-300	not specified	not specified	Tablet	-	Fragment s	-	-	on request	50-70 particles		https://zeptometrix-site-resources-prod.s3.us-east-2.amazonaws.com/Product+Literature/Analytical+Product+Literature/5029_SC_Rev02_Microplastics+Products.pdf
ZeptoMetrix	PE, PET, PS	50-300	not specified	not specified	Tablet	-	Fragment s	-	-	on request	70-100 particles	Mix of 3 polymers in a tablet	https://zeptometrix-site-resources-prod.s3.us-east-2.amazonaws.com/Product+Literature/Analytical+Product+Literature/5029_SC_Rev02_Microplastics+Products.pdf
ZeptoMetrix	PP, PVC, PC	50-300	not specified	not specified	Tablet	-	Fragment s	-	-	on request	70-100 particles	Mix of 3 polymers in a tablet	https://zeptometrix-site-resources-prod.s3.us-east-2.amazonaws.com/Product+Literature/Analytical+Product+Literature/5029_SC_Rev02_Microplastics+Products.pdf