

Supporting Information: Summary of the composition and analytical results for polymers used.

	wt-% (monomer feed)								Yield		wt-% (1H NMR)								GPC results			Dispersion data	
	MAA	MMA	BMA	EHMA	PEGMA (144)	PEGMA (300)	PEGMA (475)	PEGMA(1100)	yield (g)	yield (%)	MAA	MMA	BMA	EHMA	PEGMA (144)	PEGMA (300)	PEGMA (475)	PEGMA(1100)	Mn	Mw	Mw/Mn	APD (nm)	API (%)
A1	10	90						2.9	97	10	90								21,900	68,700	3.137	1000	125
A2	20	80						3.13	104	19	81								25,500	55,000	2.157	89.1	11
A3	30	70						3.2	107	29	71								31,000	76,900	2.481	93.5	12
A4	40	60						3.34	111	39	61								96,200	158,400	1.647	119	15
A5	10		90					2.7	90	11		89							20,100	65,900	3.279	1000	125
A6	20		80					2.77	92	19		81							23,400	54,500	2.329	169	21
A7	30		70					3.11	104	30		70							33,100	80,100	2.420	83.5	10
A8	40		60					3.34	111	42		58							72,700	135,200	1.860	115	14
A9	10			90				2.7	90	11			89						33,400	103,700	3.105	1000	125
A10	20			80				2.91	97	20			80						38,400	127,500	3.320	326	41
A11	30			70				3.12	104	31			69						47,200	126,800	2.686	95.6	12
A12	40			60				3.06	102	39			61						43,900	132,400	3.016	118	15
B1	10	90						2.995	100	6	94								21,100	52,600	2.493	1000	96
B2	12	88						2.995	100	9	91								21,000	56,500	2.690	421	65
B3	14	86						2.671	89	7	93								21,100	55,000	2.607	140	62
B4	16	84						2.309	77	11	89								22,500	59,200	2.631	125	51
B5	18	82						2.299	77	12	88								18,400	51,600	2.804	149	59
B6	20	80						2.161	72	14	86								20,400	48,500	2.377	139	56
B7	22	78						0.898	30	14	86								26,200	59,700	2.279	164	57
B8	24	76						0.866	29	15	85								31,600	68,400	2.165	160	53
B9	26	74						0.856	29	17	83								27,000	67,900	2.515	159	48
B10	28	72						0.916	31	19	81								24,300	63,500	2.613	225	61
B11	30	70						1.348	45	22	78								22,900	60,900	2.659	222	57
B12	32	68						1.304	43	26	74								26,000	64,400	2.477	227	61
C1	10	90						2.66	89	10	90								18,900	64,300	3.402	1000	85
C2	12	88						2.613	87	12	88								19,600	63,300	3.230	1000	47
C3	14	86						2.747	92	14	86								29,200	77,300	2.647	130	16
C4	16	84						2.726	91	16	84								25,000	72,400	2.896	105	18
C5	18	82						2.68	89	19	81								27,800	77,100	2.773	99.9	16
C6	20	80						2.64	88	22	78								22,800	67,300	2.952	101	16
C7	22	78						2.511	84	24	76								22,900	61,100	2.668	97.2	16
C8	24	76						2.695	90	26	74								21,400	59,200	2.766	95.8	13
C9	26	74						2.29	76	28	72								20,500	63,700	3.107	110	14
C10	28	72						2.42	81	31	69								29,400	70,800	2.408	121	16
C11	30	70						2.209	74	33	67								26,100	65,000	2.490	124	14
C12	32	68						2.348	78	35	65								21,000	61,700	2.938	127	18
D1	16	79		5				2.509	84	12	83		5						21,800	63,100	2.894	189	24
D2	16	74		10				2.404	80	11	78		10						21,500	60,100	2.795	144	27
D3	16	64		20				2.564	85	11	65		23						25,700	65,000	2.529	141	19
D4	16	79			5			2.651	88	10	85			5					21,800	66,900	3.069	141	12
D5	16	74			10			2.607	87	12	77			11					24,500	78,600	3.208	133	16
D6	16	64			20			2.569	86	10	67			23					26,200	79,400	3.031	129	23
D7	16	79				5		2.737	91	10	84				7				19,800	47,500	2.399	109	11
D8	16	74				10		2.504	83	11	79				11				20,000	38,700	1.935	109	21
D9	16	64				20		2.666	89	10	67				23				14,500	25,100	1.731	143	17
D10	16	79					5	2.511	84	14	79					7			17,600	33,500	1.903	205	55
D11	16	74					10	2.293	76	14	76						10		10,100	20,200	2.000	94.1	7
D12	16	64					20	1.576	53	14	64						22		7,700	13,100	1.701	151	43
E1	16	74					10	1.888	63	15	69							16	12,800	24,000	1.875	302	70
E2	18	72						2.369	79	17	70							14	13,100	25,700	1.962	156	36
E3	20	70						1.134	38	19	65							16	8,700	17,600	2.023	208	9
E4	22	68						2.301	77	20	65							15	11,800	22,900	1.941	104	6
E5	24	66						2.306	77	22	63							16	12,800	26,600	2.078	88.6	6
E6	26	64						2.587	86	25	60							15	11,400	23,500	2.061	151	7
E7	16	79					5	2.661	89	15	77								23,500	51,300	2.183	502	31
E8	18	77					5	2.608	87	17	75								19,000	52,300	2.753	206	53
E9	20	75					5	2.685	90	19	74								20,500	52,500	2.561	196	42
E10	22	73					5	2.653	88	22	71								20,300	48,600	2.394	77.9	8
E11	24	71					5	2.515	84	24	69								19,800	49,300	2.490	98.2	9
E12	26	69					5	2.611	87	28	65								21,400	47,500	2.220	90.4	5