

Supplementary Information

Preservation, Storage, and Sample Preparation Methods for Freshwater Microplastics – A Comprehensive Review

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Table S1: Different types of plastics and their densities (Campanale et al., 2020a; Crawford and Quinn, 2016)

Plastics and their abbreviation	Density (g/cm ³)
Polystyrene (expanded foam) (EPS)	0.01-0.05
Polystyrene (extruded foam) (XPS)	0.03-0.05
Polychloroprene (foamed) (CR)	0.11-0.56
Polypropylene (impact modified) (PP)	0.88-0.91
Polypropylene (homopolymer) (PP)	0.90-0.91
Polypropylene (copolymer) (PP)	0.90-0.91
Low-density polyethylene (LDPE)	0.92-0.94
High-density polyethylene (HDPE)	0.94-0.97
Polypropylene (10-20% glass fibre) (PP)	0.97-1.05
Polystyrene (crystal and high heat) (PS)	1.04-1.05

Polyethylene (PE)	0.96
Polyamide, Nylon 6,6 (PA, PA 6,6)	1.15
Polypropylene (30-40% glass fibre) (PP)	1.10-1.23
Polycarbonate (PC)	1.15-1.20
Polyurethane (PU)	1.23
Polyethene terephthalate (PET)	1.30-1.40
Polyvinyl chloride (PVC)	1.35-1.50
Polytetrafluoroethylene (PTFE)	2.10-2.30