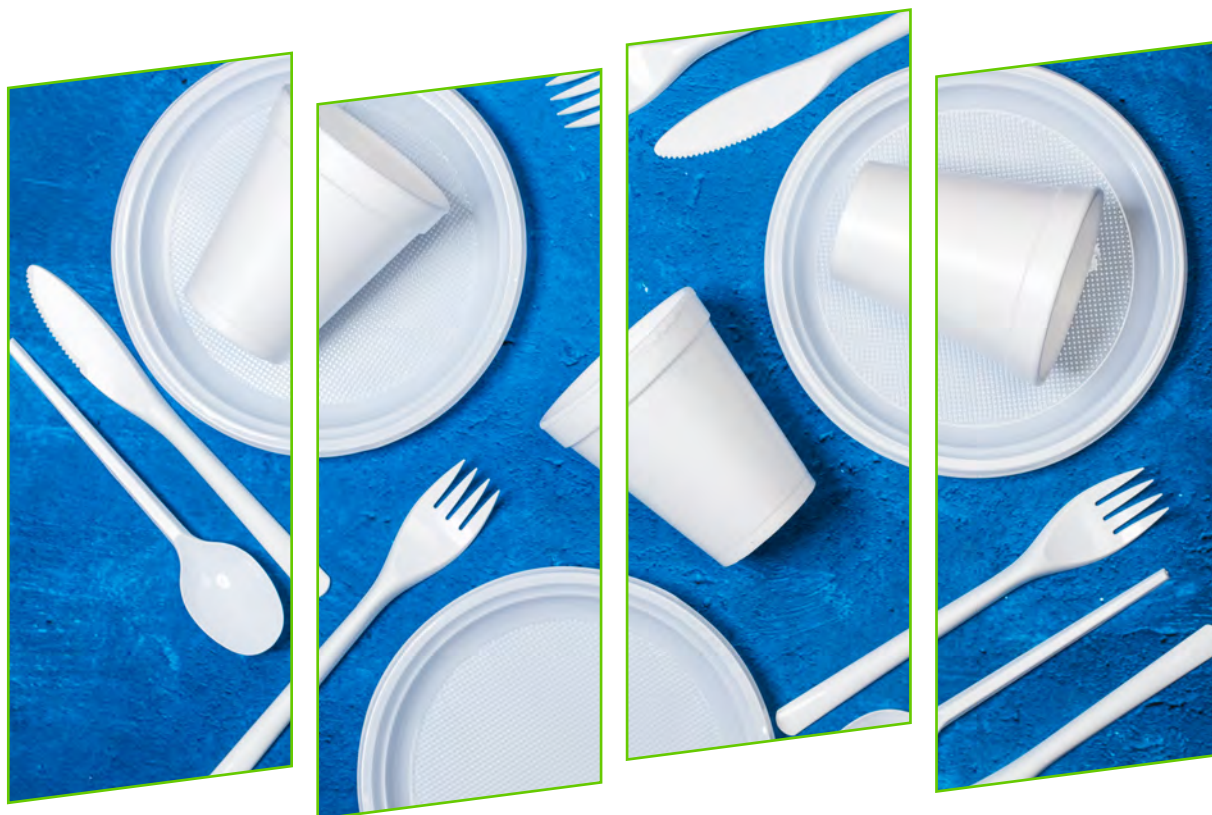




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Plastics—Recycled plastic—Part 1: General rules

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1 Scope

This document specifies terms and definitions, classification and nomenclature, requirements, test methods, and traceability documents concerning recycled plastics.

This document applies to the recycled plastic granules made from waste thermoplastics as raw materials through the processes of screening, sorting, cleaning, melt extrusion granulation (including granulation processes such as stranding, hot cutting and/or water cutting), *etc.* This document also applies to polyethylene terephthalate (PET) flakes.

This document does not apply to recycled plastics from hazardous and radioactive wastes such as medical waste, pesticide packaging and so on.

2 Normative References

The following referenced documents contain provisions which, through normative references in this text, constitute indispensable provisions of this standard. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

GB/T 1844.1-2008 Plastics - Symbols and abbreviated terms - Part 1: Basic polymers and their special characteristics

GB/T 2035 Terms and definitions for plastics

GB/T 6040-2019 General rules for infrared analysis

GB/T 19466.2-2004 Plastics - Differential scanning calorimetry (DSC) - Part 2: Determination of glass transition temperature

GB/T 19466.3-2004 Plastics - Differential scanning calorimetry (DSC) - Part 3: Determination of temperatures and enthalpy of melting and crystallization

GB/T 30102 Plastics - Guidelines for the recovery and recycling of plastics waste

GB/T 37638 Determination of polybrominated biphenyls and polybrominated biphenyl ethers in plastic products - High performance liquid chromatography

GB/T 37639 Determination of polybrominated biphenyls and polybrominated biphenyl ethers in plastic products - Gas chromatography-mass spectrometry

GB/T 38287 Determination of hexavalent chromium in plastic materials

GB/T 38290 Determination of cadmium in plastic materials

GB/T 38291 Determination of lead in plastic materials

GB/T 38292 Determination of mercury in plastic materials

GB/T 38470-2019 Recycling materials for brass

SN/T 2249 Determination of phthalates in plastics and plastic articles - Gas chromatography-mass spectrometry method



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