

Samsung Cheil Industries Starex[®] GC-0703 ABS/PET, Unreinforced Recycled

Category : Polymer , Thermoplastic , ABS Polymer , ABS/Polyester Alloy , Polyester, TP , Polyethylene Terephthalate (PET)

Material Notes:

Eco-friendly Post-Consumer recycled PET. Information provided by Samsung Cheil Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Samsung-Cheil-Industries-Starex-GC-0703-ABSPET-Unreinforced-Recycled.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.07 g/cc	1.07 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	100	100	ASTM D785
Tensile Strength, Yield	39.2 MPa	5690 psi	50 mm/min; ASTM D638
Flexural Strength	51.0 MPa	7400 psi	2.8 mm/min; ASTM D790
Flexural Modulus	1.81 GPa	263 ksi	2.8 mm/min; ASTM D790
Izod Impact, Notched	2.94 J/cm @Thickness 3.17 mm	5.51 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	91.0 Å°C	196 Å°F	B/50; ISO R306
Flammability, UL94	HB @Thickness 1.50 - 3.00 mm	HB @Thickness 0.0591 - 0.118 in	

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