

Techmer ES Plastiblend® ABS 8007

Category : Polymer , Thermoplastic , ABS Polymer

Material Notes:

Availability: North America Forms: Pellets Features: General Purpose and High Flow Information provided by TP Composites, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Techmer-ES-Plastiblend-ABS-8007.php

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/in ³	ASTM D792
Linear Mold Shrinkage, Flow	0.0050 cm/cm @Thickness 3.17 mm	0.0050 in/in @Thickness 0.125 in	ASTM D955
Melt Flow	10 g/10 min @Load 3.80 kg, Temperature 230 °C	10 g/10 min @Load 8.38 lb, Temperature 446 °F	ASTM D1238
	35 g/10 min @Load 10.0 kg, Temperature 220 °C	35 g/10 min @Load 22.0 lb, Temperature 428 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	102	102	ASTM D785
Tensile Strength, Yield	33.1 MPa	4800 psi	ASTM D638
Elongation at Break	2.4 %	2.4 %	ASTM D638
Flexural Strength	64.8 MPa	9400 psi	ASTM D790
Flexural Modulus	2.34 GPa	340 ksi	ASTM D790
Izod Impact, Notched	0.801 J/cm @Thickness 3.17 mm, Temperature -30.0 °C	1.50 ft-lb/in @Thickness 0.125 in, Temperature -22.0 °F	ASTM D256
	0.854 J/cm @Thickness 3.17 mm, Temperature -17.8 °C	1.60 ft-lb/in @Thickness 0.125 in, Temperature 0.000 °F	ASTM D256
	2.40 J/cm @Thickness 3.17 mm, Temperature 22.8 °C	4.50 ft-lb/in @Thickness 0.125 in, Temperature 73.0 °F	ASTM D256

Thermal Properties	Metric	English	Comments
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Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (264 psi)	75.0 Â°C	167 Â°F	Unannealed; ASTM D648

Contact Songhan Plastic Technology Co.,Ltd.

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