

Techmer ES Plastiblend® ABS 8015 CL

Category : Polymer , Thermoplastic , ABS Polymer

Material Notes:

Availability: North America Forms: Pellets Features: Copolymer Appearance: Clear/Transparent Information provided by TP Composites, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Techmer-ES-Plastiblend-ABS-8015-CL.php

Physical Properties	Metric	English	Comments
Density	1.08 g/cc	0.0390 lb/in ³	ASTM D792
Linear Mold Shrinkage, Flow	0.0060 cm/cm @Thickness 3.17 mm	0.0060 in/in @Thickness 0.125 in	ASTM D955
Melt Flow	9.0 g/10 min @Load 3.80 kg, Temperature 230 Â°C	9.0 g/10 min @Load 8.38 lb, Temperature 446 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	112	112	ASTM D785
Tensile Strength, Yield	51.0 MPa	7400 psi	ASTM D638
Elongation at Break	6.0 %	6.0 %	ASTM D638
Flexural Strength	78.6 MPa	11400 psi	ASTM D790
Flexural Modulus	2.34 GPa	340 ksi	ASTM D790
Izod Impact, Notched	0.481 J/cm @Thickness 3.17 mm, Temperature 0.000 Â°C	0.900 ft-lb/in @Thickness 0.125 in, Temperature 32.0 Â°F	ASTM D256
	1.07 J/cm @Thickness 3.17 mm, Temperature 22.8 Â°C	2.00 ft-lb/in @Thickness 0.125 in, Temperature 73.0 Â°F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	90.0 Â°C	194 Â°F	Unannealed; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	82.8 Â°C	181 Â°F	Unannealed; ASTM D648

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	transparent; thickness not quantified

Optical Properties	Metric	English	Comments
--------------------	--------	---------	----------

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China