

## Techmer ES Plastiblend® ABS 8011

Category : Polymer , Thermoplastic , ABS Polymer

### Material Notes:

Availability: North America Forms: Pellets Features: Platable Information provided by TP Composites, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Techmer-ES-Plastiblend-ABS-8011.php](http://www.lookpolymers.com/polymer_Techmer-ES-Plastiblend-ABS-8011.php)

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in <sup>3</sup>	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	4.0 g/10 min @Load 3.80 kg, Temperature 230 °C	4.0 g/10 min @Load 8.38 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	104	104	ASTM D785
Tensile Strength, Yield	39.3 MPa	5700 psi	ASTM D638
Elongation at Break	3.5 %	3.5 %	ASTM D638
Flexural Strength	76.5 MPa	11100 psi	ASTM D790
Flexural Modulus	2.80 GPa	406 ksi	ASTM D790
Izod Impact, Notched	0.747 J/cm @Thickness 3.17 mm, Temperature -40.0 °C	1.40 ft-lb/in @Thickness 0.125 in, Temperature -40.0 °F	ASTM D256
	2.14 J/cm @Thickness 3.17 mm, Temperature 22.8 °C	4.00 ft-lb/in @Thickness 0.125 in, Temperature 73.0 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	104 °C	219 °F	Unannealed; ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	77.8 °C	172 °F	Unannealed; ASTM D648
Vicat Softening Point	104 °C	220 °F	Rate B (120°C/h); ASTM D1525

## **Contact Songhan Plastic Technology Co.,Ltd.**

**Website : [www.lookpolymers.com](http://www.lookpolymers.com)**

**Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)**

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

**Address : United North Road 215,Fengxian District, Shanghai City,China**