

## Diamond Polymers ABS TS-12 Injection Molding Grade, Medium Heat

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Heat Resistant, Molded

**Material Notes:**

Information Provided by Diamond Polymers, Inc. & Network Polymers, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Diamond-Polymers-ABS-TS-12-Injection-Molding-Grade-Medium-Heat.php](http://www.lookpolymers.com/polymer_Diamond-Polymers-ABS-TS-12-Injection-Molding-Grade-Medium-Heat.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.06 g/cc	1.06 g/cc	ASTM D792
Melt Flow	21 g/10 min @Load 5.00 kg, Temperature 265 °C	21 g/10 min @Load 11.0 lb, Temperature 509 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	43.4 MPa	6290 psi	chs 2 in/min; ASTM D638
Elongation at Yield	2.5 %	2.5 %	chs 2.0 in/min; ASTM D638
Flexural Modulus	2.136 GPa @Thickness 3.17 mm	309.8 ksi @Thickness 0.125 in	tangent; chs 0.05 in/min; ASTM D790
Izod Impact, Notched	1.87 J/cm @Thickness 3.17 mm, Temperature 23.0 °C	3.50 ft-lb/in @Thickness 0.125 in, Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	110 °C @Load 1.00 kg	230 °F @Load 2.20 lb	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