

Diamond Polymers ASA TW18B3 ASA Weatherable Polymers Injection Molding Grade, Very High Heat

Category : Polymer , Thermoplastic , ASA Polymer , Acrylonitrile/Styrene/Acrylate (ASA), Unreinforced, 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-ASA-TW18B3-ASA-Weatherable-Polymers-Injection-Molding-Grade-Very-High-Heat.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.08 g/cc	1.08 g/cc	ASTM D792
Melt Flow	1.3 g/10 min @Load 3.80 kg, Temperature 230 °C	1.3 g/10 min @Load 8.38 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	51.5 MPa	7470 psi	chs 2.0 in/min; ASTM D638
Flexural Modulus	2.625 GPa	380.7 ksi	tangent; chs 0.05 in/min; ASTM D790
Izod Impact, Notched	0.750 J/cm @Thickness 3.17 mm, Temperature 23.0 °C	1.41 ft-lb/in @Thickness 0.125 in, Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Vicat Softening Point	131 °C @Load 1.00 kg, Thickness 3.17 mm	268 °F @Load 2.20 lb, Thickness 0.125 in	ASTM D1525

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