

Engineered Polymer Solutions ABS 550

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

Material Notes:

Medium Impact. Natural and colors available. Medium gloss. Injection molding grade. Uses: General Purpose Information provided by Engineered Polymer Solutions.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Engineered-Polymer-Solutions-ABS-550.php

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/in ³	ASTM D792-91
Melt Flow	12 g/10 min @Load 10.0 kg, Temperature 220 °C	12 g/10 min @Load 22.0 lb, Temperature 428 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	42.7 MPa	6200 psi	ASTM D638
Flexural Modulus	2.38 GPa	345 ksi	ASTM D790
Izod Impact, Notched	2.67 J/cm	5.00 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	96.1 °C	205 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	90.6 °C	195 °F	ASTM D648

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