

PTS Trilac® ABS-HH2350 High Heat ABS

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

Material Notes:

Information provided by Polymer Technology and Services, LLC (PTS).

Order this product through the following link:

http://www.lookpolymers.com/polymer_PTS-Trilac-ABS-HH2350-High-Heat-ABS.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in ³	ASTM D792
Melt Flow	4.5 g/10 min @Load 10.0 kg, Temperature 220 °C	4.5 g/10 min @Load 22.0 lb, Temperature 428 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	112	112	ASTM D785
Tensile Strength, Yield	48.9 MPa	7090 psi	ASTM D638
Flexural Yield Strength	70.4 MPa	10200 psi	ASTM D790
Flexural Modulus	2.34 GPa	339 ksi	ASTM D790
Izod Impact, Notched	1.28 J/cm @Thickness 3.17 mm	2.40 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	114 °C	237 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	104 °C	219 °F	ASTM D648
Flammability, UL94	HB @Thickness 6.35 mm	HB @Thickness 0.250 in	

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