

Multibase Multi-ABS 3632 High Heat Resistant

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

Material Notes:

Data provided by Multibase.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-ABS-3632-High-Heat-Resistant.php

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in ³	ASTM D792-91
Linear Mold Shrinkage	0.0050 cm/cm	0.0050 in/in	ASTM D955-89
Melt Flow	3.3 g/10 min	3.3 g/10 min	(Condition I) ASTM D-1238-94a

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	103	103	ASTM D785-95
Tensile Strength, Ultimate	50.0 MPa	7250 psi	ASTM D638-95
Elongation at Break	40 %	40 %	ASTM D638-95
Flexural Strength	69.0 MPa	10000 psi	ASTM D790-95
Flexural Modulus	2.483 GPa	360.1 ksi	RT; ASTM D-790-95
Izod Impact, Notched	1.60 J/cm	3.00 ft-lb/in	ASTM D256-93a

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	90.0 °C	194 °F	ASTM D648-95
Vicat Softening Point	110 °C	230 °F	ASTM D1525-95
Flammability, UL94	HB	HB	
	@Thickness 1.59 mm	@Thickness 0.0625 in	
	HB	HB	
	@Thickness 3.17 mm	@Thickness 0.125 in	

Optical Properties	Metric	English	Comments
Gloss	82 - 90 %	82 - 90 %	ASTM D2457-90

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