

Multibase Multi-ABS 3365 High Impact ABS

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

Material Notes:

Data provided by Multibase.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Multibase-Multi-ABS-3365-High-Impact-ABS.php

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/in ³	ASTM D792-91
Linear Mold Shrinkage	0.0050 cm/cm	0.0050 in/in	ASTM D955-89
Melt Flow	5.0 g/10 min	5.0 g/10 min	(Condition G) ASTM D-1238-94a

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	98	98	ASTM D785-95
Tensile Strength, Ultimate	39.3 MPa	5700 psi	ASTM D638-95
Elongation at Break	50 %	50 %	ASTM D638-95
Flexural Modulus	2.276 GPa	330.1 ksi	RT; ASTM D-790-95
Izod Impact, Notched	3.20 J/cm	5.99 ft-lb/in	ASTM D256-93a
Gardner Impact	31.1 J	22.9 ft-lb	ASTM D5420-93

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	175 Â°C	347 Â°F	injection molded unannealed; ASTM D-648-95
	220 Â°C	428 Â°F	injection molded annealed; ASTM D-648-95
	220 Â°C	428 Â°F	compression molded annealed; ASTM D-648-95
Vicat Softening Point	94.0 Â°C	201 Â°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
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Class Optical Properties	85 - 90 % Metric	85 - 90 % English	ASTM D2457-90 Comments
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