

Bhansali Engineering Abstron IM-16M ABS Very High Rigidity Injection Molding Grade

Category : Polymer , Thermoplastic , ABS Polymer

Material Notes:

Very High Rigidity, High Gloss, Medium Impact with excellent other mechanical properties Information provided by Bhansali

Order this product through the following link:

http://www.lookpolymers.com/polymer_Bhansali-Engineering-Abstron-IM-16M-ABS-Very-High-Rigidity-Injection-Molding-Grade.php

Physical Properties	Metric	English	Comments
Density	1.045 g/cc	0.03775 lb/in ³	ASTM D-792
Linear Mold Shrinkage	0.0040 - 0.0050 cm/cm	0.0040 - 0.0050 in/in	ASTM D-955
Melt Flow	8.0 g/10 min @Load 10.0 kg, Temperature 220 °C	8.0 g/10 min @Load 22.0 lb, Temperature 428 °F	ASTM D-1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	115	115	ASTM D-785
Tensile Strength, Yield	51.0 MPa @Thickness 3.20 mm	7400 psi @Thickness 0.126 in	Type 1; 5mm/min; ASTM D638
Flexural Yield Strength	73.55 MPa @Thickness 6.40 mm	10670 psi @Thickness 0.252 in	ASTM D790
Flexural Modulus	2.45 GPa @Thickness 6.40 mm	356 ksi @Thickness 0.252 in	ASTM D790
Izod Impact, Notched	1.96 J/cm @Thickness 6.40 mm	3.67 ft-lb/in @Thickness 0.252 in	ASTM D256
	2.6471 J/cm @Thickness 3.20 mm	4.9591 ft-lb/in @Thickness 0.126 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	96.0 °C	205 °F	Method A - Annealed; ASTM D-648
Vicat Softening Point	106 °C	223 °F	Method B; ASTM D-1525
Flammability, UL94	HB @Thickness 3.20 mm	HB @Thickness 0.126 in	UL-94

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China