

Bhansali Engineering Abstron HI40H ABS Injection Molding Grade

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

Material Notes:

Automotive applications -Medium Impact, Super High Rigidity, PaintableInformation provided by Bhansali

Order this product through the following link:

http://www.lookpolymers.com/polymer_Bhansali-Engineering-Abstron-HI40H-ABS-Injection-Molding-Grade.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.045 g/cc	1.045 g/cc	ASTM D792
Linear Mold Shrinkage	0.00400 - 0.00600 cm/cm	0.00400 - 0.00600 in/in	ASTM D955
Melt Flow	16.0 g/10 min @Load 10.0 kg, Temperature 220 °C	16.0 g/10 min @Load 22.0 lb, Temperature 428 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	109	109	ASTM D785
Tensile Strength, Yield	49.0 MPa @Thickness 3.20 mm	7110 psi @Thickness 0.126 in	Type I, 5 mm/min; ASTM D638
Flexural Yield Strength	71.1 MPa @Thickness 6.40 mm	10300 psi @Thickness 0.252 in	5 mm/min; ASTM D790
Flexural Modulus	2.45 GPa @Thickness 6.40 mm	356 ksi @Thickness 0.252 in	5 mm/min; ASTM D790
Izod Impact, Notched	2.45 J/cm @Thickness 6.40 mm	4.59 ft-lb/in @Thickness 0.252 in	ASTM D256
	2.94 J/cm @Thickness 3.20 mm	5.51 ft-lb/in @Thickness 0.126 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	97.0 °C @Thickness 6.40 mm	207 °F @Thickness 0.252 in	Method A; ASTM D648
Flammability, UL94	HB @Thickness 3.20 mm	HB @Thickness 0.126 in	

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