

## Bhansali Engineering Abstron IMG1130 Glass Reinforced Grade

Category : Polymer , Thermoplastic , ABS Polymer

**Material Notes:**

Glass Reinforced ABS &amp; SAN Resins for product specific requirement of very high rigidity and temperature Information provided by Bhansali

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Bhansali-Engineering-Abstron-IMG1130-Glass-Reinforced-Grade.php](http://www.lookpolymers.com/polymer_Bhansali-Engineering-Abstron-IMG1130-Glass-Reinforced-Grade.php)

Physical Properties	Metric	English	Comments
Density	1.25 g/cc	0.0452 lb/in <sup>3</sup>	ASTM D-792
Filler Content	30 %	30 %	Glass
Linear Mold Shrinkage	0.0020 - 0.0040 cm/cm	0.0020 - 0.0040 in/in	ASTM D-955
Melt Flow	10 g/10 min @Load 10.0 kg, Temperature 220 °C	10 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	65.7 MPa @Thickness 3.20 mm	9530 psi @Thickness 0.126 in	Type 1, 5 mm/min; ASTM D-638
Flexural Yield Strength	95.1 MPa @Thickness 6.40 mm	13800 psi @Thickness 0.252 in	ASTM D-790
Flexural Modulus	4.51 GPa @Thickness 6.40 mm	654 ksi @Thickness 0.252 in	ASTM D-790
Izod Impact, Notched	0.490 J/cm @Thickness 6.40 mm	0.918 ft-lb/in @Thickness 0.252 in	ASTM D-256
	0.588 J/cm @Thickness 3.20 mm	1.10 ft-lb/in @Thickness 0.126 in	ASTM D-256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	108 °C	226 °F	Method A - Annealed; ASTM D-648
Vicat Softening Point	120 °C	248 °F	Method B; ASTM D-1525
Flammability, UL94	HB @Thickness 3.20 mm	HB @Thickness 0.126 in	UL-94

Thermal Properties

Metric

English

Comments

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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