

Bhansali Engineering Abstron SE-32M ABS Sheet Extrusion Grade

Category : Polymer , Thermoplastic , ABS Polymer

Material Notes:

Super high and Very High Impact Sheeting grades for Automobile & Luggage Applications Information provided by Bhansali

Order this product through the following link:

http://www.lookpolymers.com/polymer_Bhansali-Engineering-Abstron-SE-32M-ABS-Sheet-Extrusion-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 - 0.0060 cm/cm	0.0040 - 0.0060 in/in	ASTM D-955
Melt Flow	7.0 g/10 min @Load 10.0 kg, Temperature 220 °C	7.0 g/10 min @Load 22.0 lb, Temperature 428 °F	ASTM D-1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	108	108	ASTM D-785
Tensile Strength, Yield	43.15 MPa @Thickness 3.20 mm	6258 psi @Thickness 0.126 in	Type 1, 5 mm/min speed; ASTM D-638
Flexural Yield Strength	63.3 MPa @Thickness 6.40 mm	9170 psi @Thickness 0.252 in	ASTM D-790
Flexural Modulus	2.01 GPa @Thickness 6.40 mm	292 ksi @Thickness 0.252 in	ASTM D-790
Izod Impact, Notched	3.4314 J/cm @Thickness 6.40 mm	6.4284 ft-lb/in @Thickness 0.252 in	ASTM D-256
	4.4118 J/cm @Thickness 3.20 mm	8.2651 ft-lb/in @Thickness 0.126 in	ASTM D-256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	94.0 °C	201 °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