

Polykemi AB SCANMID 6 B12^ Q40 Nylon 6, Mineral Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 40% Mineral Filled

Material Notes:

Information provided by Polykemi AB

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polykemi-AB-SCANMID-6-B12-Q40-Nylon-6-Mineral-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.46 g/cc	0.0527 lb/in ³	ISO 1183
Filler Content	40 %	40 %	±2%; Polykemi
Linear Mold Shrinkage	0.0080 cm/cm	0.0080 in/in	With Flow; ISO 2577
	0.0080 cm/cm	0.0080 in/in	Across Flow; ISO 2577

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	78	78	ASTM D2240
Tensile Strength at Break	<= 90.0 MPa	<= 13100 psi	ISO/R527
Elongation at Break	6.0 %	6.0 %	ISO/R527
Flexural Strength	<= 150 MPa	<= 21800 psi	ISO 178
Flexural Modulus	5.50 GPa @Temperature 23.0 °C	798 ksi @Temperature 73.4 °F	ISO 178
Charpy Impact, Notched	0.400 J/cm ² @Temperature -20.0 °C	1.90 ft-lb/in ² @Temperature -4.00 °F	ISO 179
	0.600 J/cm ² @Temperature 23.0 °C	2.86 ft-lb/in ² @Temperature 73.4 °F	ISO 179

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	200 °C	392 °F	120°C/h; ISO 75/1
Deflection Temperature at 1.8 MPa (264 psi)	110 °C	230 °F	120°C/h; ISO 75/1
Vicat Softening Point	>= 200 °C @Load 5.001 kg	>= 392 °F @Load 11.03 lb	50°C/h; ISO 306
Flammability, UL94	HB	HB	

Thermal Properties	@Thickness 1.60 mm Metric	@Thickness 0.0630 in English	Comments
Glow Wire Test	650 °C	1200 °F	IEC 695-2-1
	@Thickness 2.00 mm	@Thickness 0.0787 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