

Polykemi AB SCANMID 6 B12^ NH6 Nylon 6, Flame Retardant, Halogen Free

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Unreinforced, Flame Retardant

Material Notes:

Information provided by Polykemi AB

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polykemi-AB-SCANMID-6-B12-NH6-Nylon-6-Flame-Retardant-Halogen-Free.php

Physical Properties	Metric	English	Comments
Density	1.14 g/cc	0.0412 lb/in ³	ISO 1183
Linear Mold Shrinkage	0.010 - 0.012 cm/cm	0.010 - 0.012 in/in	With Flow; ISO 2577
	0.010 - 0.012 cm/cm	0.010 - 0.012 in/in	Across Flow; ISO 2577

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	<= 74.0 MPa	<= 10700 psi	ISO/R527
Elongation at Break	9.0 %	9.0 %	ISO/R527
Flexural Strength	<= 115 MPa	<= 16700 psi	ISO 178
Flexural Modulus	3.00 GPa	435 ksi	ISO 178
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Charpy Impact, Notched	0.500 J/cm ²	2.38 ft-lb/in ²	ISO 179
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	177 °C	351 °F	120°C/h; ISO 75/1
Deflection Temperature at 1.8 MPa (264 psi)	63.0 °C	145 °F	120°C/h; ISO 75/1
Vicat Softening Point	200 °C	392 °F	50°C/h; ISO 306
	@Load 5.001 kg	@Load 11.03 lb	
	216 °C	421 °F	50°C/h; ISO 306
	@Load 1.00 kg	@Load 2.21 lb	
Flammability, UL94	V-0	V-0	
	@Thickness 1.60 mm	@Thickness 0.0630 in	
Glow Wire Test	960 °C	1760 °F	IEC 695-2-1

Thermal Properties	@Thickness 2.00 mm Metric	@Thickness 0.0787 in English	Comments
--------------------	------------------------------	---------------------------------	----------

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