

## Polykemi AB SCANAMID 66 A12^ F25 NH10 Nylon 66, Glass Fiber Reinforced, Flame Retardant

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% Glass Fiber Filled

**Material Notes:**

Information provided by Polykemi AB

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Polykemi-AB-SCANAMID-66-A12-F25-NH10-Nylon-66-Glass-Fiber-Reinforced-Flame-Retardant.php](http://www.lookpolymers.com/polymer_Polykemi-AB-SCANAMID-66-A12-F25-NH10-Nylon-66-Glass-Fiber-Reinforced-Flame-Retardant.php)

Physical Properties	Metric	English	Comments
Density	1.31 g/cc	0.0473 lb/in <sup>3</sup>	ISO 1183
Filler Content	25 %	25 %	±2%; Polykemi

Mechanical Properties	Metric	English	Comments
Flexural Modulus	8.50 GPa @Temperature 23.0 °C	1230 ksi @Temperature 73.4 °F	ISO 178
Charpy Impact, Notched	0.450 J/cm <sup>2</sup> @Temperature 23.0 °C	2.14 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	ISO 179

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	249 °C	480 °F	120°C/h; ISO 75/1
Deflection Temperature at 1.8 MPa (264 psi)	233 °C	451 °F	120°C/h; ISO 75/1
Vicat Softening Point	226 °C @Load 5.001 kg	439 °F @Load 11.03 lb	50°C/h; ISO 306
	248 °C @Load 1.00 kg	478 °F @Load 2.21 lb	50°C/h; ISO 306
Flammability, UL94	V-0 @Thickness 1.00 mm	V-0 @Thickness 0.0394 in	
Glow Wire Test	960 °C @Thickness 2.00 mm	1760 °F @Thickness 0.0787 in	IEC 695-2-1

**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