

Plastcom SLOVAMID 66/6 GF 30 Polyamide 66/6, 30% Glass Fiber (discontinued **)

Category : Polymer , Thermoplastic , Nylon , Nylon 6/66 , Nylon 66/6, 30% Glass Fiber Reinforced

Material Notes:

Features Chemically reinforced alloy PA 66 and PA 6 with 30% glass fiber, suitable for mouldings with high strength and toughness also at low temperatures. Used in the automotive, engineering and electrical industry. Application: hobby tools, covers of electrottools, electromotors, cooling screws of blowers, gear wheels, carrying parts in the automotive industry like brake cables. Delivered in natural and in the full RAL color scale. Application: Injection Moulding Information Provided by Plastcom spol. s r.o.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Plastcom-SLOVAMID-666-GF-30-Polyamide-666-30-Glass-Fiber-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.36 g/cc	0.0491 lb/in ³	STN 64 0111
Linear Mold Shrinkage	0.0075 cm/cm	0.0075 in/in	STN 64 0808
Linear Mold Shrinkage, Transverse	0.0112 cm/cm	0.0112 in/in	STN 64 0808
Melt Flow	5.0 g/10 min @Load 2.16 kg, Temperature 230 °C	5.0 g/10 min @Load 4.76 lb, Temperature 446 °F	STN EN ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	175 MPa	25400 psi	STN EN ISO 527-2
Elongation at Break	4.0 %	4.0 %	STN EN ISO 527-2
Tensile Modulus	9.50 GPa	1380 ksi	STN EN ISO 527-2
Flexural Strength	220 MPa	31900 psi	STN EN ISO 178
Flexural Modulus	8.75 GPa	1270 ksi	STN EN ISO 178
Charpy Impact Unnotched	7.00 J/cm ² @Temperature -20.0 °C	33.3 ft-lb/in ² @Temperature -4.00 °F	STN EN ISO 179
	7.50 J/cm ² @Temperature 23.0 °C	35.7 ft-lb/in ² @Temperature 73.4 °F	STN EN ISO 179
Charpy Impact, Notched	1.00 J/cm ² @Temperature -20.0 °C	4.76 ft-lb/in ² @Temperature -4.00 °F	STN EN ISO 179
	1.20 J/cm ² @Temperature 23.0 °C	5.71 ft-lb/in ² @Temperature 73.4 °F	STN EN ISO 179

Thermal Properties	Metric	English	Comments
Melting Point	245 °C	473 °F	DSC; STN EN ISO 3146
Deflection Temperature at 1.8 MPa (264 psi)	250 °C	482 °F	STN EN ISO 75/A
Vicat Softening Point	250 °C	482 °F	B; STN EN ISO 306
Flammability, UL94	HB	HB	
Glow Wire Test	650 °C	1200 °F	STN IEC 60695-2-10

Processing Properties	Metric	English	Comments
Melt Temperature	280 - 300 °C	536 - 572 °F	
Mold Temperature	60.0 - 90.0 °C	140 - 194 °F	
Drying Temperature	80.0 °C	176 °F	
Dry Time	4 hour	4 hour	
Moisture Content	0.15 %	0.15 %	STN EN ISO 960
Injection Pressure	70.0 - 120 MPa	10200 - 17400 psi	

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