

Plastcom SLOVAMID 66 Y 35 FRY 7 PA66, 35% mineral filling

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% Mineral Filled , Nylon 66, 40% Mineral Filled

Material Notes:

Features PA 66 for injection moulding, chemically reinforced with 35 % mineral filler and non-halogen flame retardant, with heat resistance and nonflammability, achieves V 0 /3.2 mm/ in accordance with UL 94. Nonhalogen flame retardant guarantees excellent electric parameters like eg. electric strength and CTI. Application in electrotechnical industry: breakers, coil forms, covers, terminals. Packaging, transport, stocking The product is packed in hermetically closed thick-walled 25 kg PE bags, on a 1.000 kg palette coated in a stretch foil, in big bags with a thick PE foil fixed on a 1.000 kg palette, in paper octabins with a thick PE foil fixed on a 1.000 kg palette or in other packaging according to customer requirements. The transport is provided in closed-up vehicles where the material is protected against movement and mechanical damage. The product requires stocking in closed-up, dry places protected against sun and thermal radiation. Information Provided by Plastcom spol. s r.o.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Plastcom-SLOVAMID-66-Y-35-FRY-7-PA66-35-mineral-filling.php

Physical Properties	Metric	English	Comments
Density	1.58 g/cc	0.0571 lb/in ³	
Viscosity Measurement	0.52 - 0.62	0.52 - 0.62	
Linear Mold Shrinkage	0.0052 cm/cm	0.0052 in/in	
Linear Mold Shrinkage, Transverse	0.0062 cm/cm	0.0062 in/in	
Melt Flow	5.0 g/10 min @Load 0.325 kg, Temperature 270 °C	5.0 g/10 min @Load 0.716 lb, Temperature 518 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	80.0 MPa	11600 psi	
Elongation at Break	2.0 %	2.0 %	
Tensile Modulus	8.95 GPa	1300 ksi	
Flexural Strength	120 MPa	17400 psi	
Flexural Modulus	8.10 GPa	1170 ksi	
Charpy Impact Unnotched	1.50 J/cm ² @Temperature -20.0 °C	7.14 ft-lb/in ² @Temperature -4.00 °F	
	2.00 J/cm ² @Temperature 23.0 °C	9.52 ft-lb/in ² @Temperature 73.4 °F	
	0.150 J/cm ²	0.714 ft-lb/in ²	

Charpy Impact, Notched Mechanical Properties	Metric @ Temperature -20.0 °C	English @ Temperature -4.00 °F	Comments
	0.300 J/cm ²	1.43 ft-lb/in ²	
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Melting Point	260 °C	500 °F	
Deflection Temperature at 1.8 MPa (264 psi)	210 °C	410 °F	
Vicat Softening Point	250 °C	482 °F	B
Flammability, UL94	V-0	V-0	
	@Thickness 1.60 mm	@Thickness 0.0630 in	
Glow Wire Test	960 °C	1760 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+15 ohm-cm	1.00e+15 ohm-cm	
Surface Resistance	1.00e+13 ohm	1.00e+13 ohm	
Dielectric Strength	35.0 kV/mm	889 kV/in	
Comparative Tracking Index	600 V	600 V	

Processing Properties	Metric	English	Comments
Melt Temperature	260 - 290 °C	500 - 554 °F	
Mold Temperature	70.0 - 90.0 °C	158 - 194 °F	
Drying Temperature	80.0 °C	176 °F	
Dry Time	4 hour	4 hour	
Moisture Content	0.10 %	0.10 %	
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