

Plastcom SLOVAMID 6 GF 30 FRGG2 PA6, 30% glass fibre, flame retardant

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , 30% Glass Fiber Filled , Nylon 6, Glass Fiber Filled, Flame Retardant

Material Notes:

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-6-GF-30-FRGG2-PA6-30-glass-fibre-flame-retardant.php

Physical Properties	Metric	English	Comments
Density	1.38 g/cc	0.0499 lb/in ³	
Viscosity Measurement	0.46 - 0.58	0.46 - 0.58	
Linear Mold Shrinkage	0.0046 cm/cm	0.0046 in/in	
Linear Mold Shrinkage, Transverse	0.0058 cm/cm	0.0058 in/in	
Melt Flow	4.0 g/10 min @Load 0.325 kg, Temperature 270 °C	4.0 g/10 min @Load 0.716 lb, Temperature 518 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	165 MPa	23900 psi	
Elongation at Break	2.0 %	2.0 %	
Tensile Modulus	9.20 GPa	1330 ksi	
Flexural Strength	225 MPa	32600 psi	
Flexural Modulus	8.54 GPa	1240 ksi	
Charpy Impact Unnotched	4.60 J/cm ² @Temperature -20.0 °C	21.9 ft-lb/in ² @Temperature -4.00 °F	
	6.80 J/cm ² @Temperature 23.0 °C	32.4 ft-lb/in ² @Temperature 73.4 °F	
Charpy Impact, Notched	0.800 J/cm ² @Temperature -20.0 °C	3.81 ft-lb/in ² @Temperature -4.00 °F	
	1.80 J/cm ²	8.57 ft-lb/in ²	

Mechanical Properties	Metric @ Temperature 23.0 °C	English @ Temperature 73.4 °F	Comments
-----------------------	---------------------------------	----------------------------------	----------

Thermal Properties	Metric	English	Comments
Melting Point	225 °C	437 °F	
Deflection Temperature at 1.8 MPa (264 psi)	215 °C	419 °F	
Vicat Softening Point	225 °C	437 °F	B
Flammability, UL94	V-2	V-2	
Glow Wire Test	850 °C	1560 °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	70.0 kV/mm	1780 kV/in	
Comparative Tracking Index	600 V	600 V	

Processing Properties	Metric	English	Comments
Melt Temperature	250 - 270 °C	482 - 518 °F	
Mold Temperature	70.0 - 80.0 °C	158 - 176 °F	
Drying Temperature	80.0 °C	176 °F	
Dry Time	4 hour	4 hour	
Moisture Content	0.15 %	0.15 %	
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