

Plastcom SLOVAMID 6/66 CF 30 PA6/66, 30% carbon fibre

Category : Polymer , Thermoplastic , Nylon , Nylon 6/66

Material Notes:

Features PA 6/66 for injection moulding, chemically strengthened with 30% of carbon fibre, for mouldings with high strength and toughness used in the automotive, electrical, engineering and consumer-goods industry. Delivered in black mode. 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-666-CF-30-PA666-30-carbon-fibre.php

Physical Properties	Metric	English	Comments
Density	1.27 g/cc	0.0459 lb/in ³	
Viscosity Measurement	0.89 - 1.04	0.89 - 1.04	
Linear Mold Shrinkage	0.0089 cm/cm	0.0089 in/in	
Linear Mold Shrinkage, Transverse	0.0104 cm/cm	0.0104 in/in	
Melt Flow	1.0 g/10 min	1.0 g/10 min	
	@Load 0.325 kg, Temperature 270 °C	@Load 0.716 lb, Temperature 518 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	220 MPa	31900 psi	
Elongation at Break	2.0 %	2.0 %	
Tensile Modulus	19.5 GPa	2830 ksi	
Flexural Strength	330 MPa	47900 psi	
Flexural Modulus	18.0 GPa	2610 ksi	
Charpy Impact Unnotched	4.50 J/cm ²	21.4 ft-lb/in ²	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	5.00 J/cm ²	23.8 ft-lb/in ²	
	@Temperature -20.0 °C	@Temperature -4.00 °F	
Charpy Impact, Notched	0.400 J/cm ²	1.90 ft-lb/in ²	

Mechanical Properties	@Temperature -20.0 °C Metric	@Temperature -4.00 °F English	Comments
	0.700 J/cm ²	3.33 ft-lb/in ²	
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Melting Point	220 - 260 °C	428 - 500 °F	
Deflection Temperature at 1.8 MPa (264 psi)	240 °C	464 °F	
Vicat Softening Point	205 °C	401 °F	B

Processing Properties	Metric	English	Comments
Melt Temperature	280 - 310 °C	536 - 590 °F	
Mold Temperature	90.0 - 120 °C	194 - 248 °F	
Drying Temperature	80.0 °C	176 °F	
Dry Time	4 hour	4 hour	
Moisture Content	0.10 %	0.10 %	
Injection Pressure	100 - 150 MPa	14500 - 21800 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