

Plastcom SLOVALEN PH 61 B 70 PP, 70% mineral filling

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Mineral Reinforced

Material Notes:

Features Modified PP for injection moulding with the content of 70% of barium sulphate. Increased density. Decreased shrinkage. Used for production of vertical blind weights. Delivered in natural 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-SLOVALEN-PH-61-B-70-PP-70-mineral-filling.php

Physical Properties	Metric	English	Comments
Density	2.04 g/cc	0.0737 lb/in ³	
Linear Mold Shrinkage	0.0032 cm/cm	0.0032 in/in	
Linear Mold Shrinkage, Transverse	0.0046 cm/cm	0.0046 in/in	
Melt Flow	10 g/10 min @Load 0.325 kg, Temperature 270 °C	10 g/10 min @Load 0.716 lb, Temperature 518 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	27.0 MPa	3920 psi	
Elongation at Break	5.0 %	5.0 %	
Tensile Modulus	3.85 GPa	558 ksi	
Flexural Strength	85.0 MPa	12300 psi	
Flexural Modulus	3.68 GPa	534 ksi	
Charpy Impact Unnotched	0.600 J/cm ² @Temperature -20.0 °C	2.86 ft-lb/in ² @Temperature -4.00 °F	
	2.50 J/cm ² @Temperature 23.0 °C	11.9 ft-lb/in ² @Temperature 73.4 °F	
Charpy Impact, Notched	0.100 J/cm ² @Temperature -20.0 °C	0.476 ft-lb/in ² @Temperature -4.00 °F	
	0.150 J/cm ²	0.714 ft-lb/in ²	

Mechanical Properties	@Temperature 23.0 °C Metric	@Temperature 73.4 °F English	Comments
Thermal Properties	Metric	English	Comments
Melting Point	165 °C	329 °F	
Deflection Temperature at 1.8 MPa (264 psi)	135 °C	275 °F	
Vicat Softening Point	155 °C	311 °F	B
Flammability, UL94	HB	HB	

Processing Properties	Metric	English	Comments
Melt Temperature	200 - 250 °C	392 - 482 °F	
Mold Temperature	40.0 - 50.0 °C	104 - 122 °F	
Drying Temperature	80.0 °C	176 °F	
Dry Time	4 hour	4 hour	
Moisture Content	0.20 %	0.20 %	
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