

Plastcom SLOVALEN PH 99 GB 20 PP, 20% glass beads, mod. of mech. prop.

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Glass Bead Filled

Material Notes:

Features Modified homopolymer PP for injection moulding, chemically reinforced with 20% glass beads, contains the modifier of mechanical properties. Increased strength in comparison with unfilled PP. Applied in all industry branches. Increased strength, toughness, modulus in tension due to the modification. Delivered in natural mode and in the full RAL colour scale. 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-99-GB-20-PP-20-glass-beads-mod-of-mech-prop.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in ³	
Linear Mold Shrinkage	0.0211 cm/cm	0.0211 in/in	
Linear Mold Shrinkage, Transverse	0.019 cm/cm	0.019 in/in	
Melt Flow	25 g/10 min @Load 0.325 kg, Temperature 270 °C	25 g/10 min @Load 0.716 lb, Temperature 518 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	25.0 MPa	3630 psi	
Elongation at Break	15 %	15 %	
Tensile Modulus	1.75 GPa	254 ksi	
Flexural Strength	37.0 MPa	5370 psi	
Flexural Modulus	1.50 GPa	218 ksi	
Charpy Impact Unnotched	1.80 J/cm ² @Temperature -20.0 °C	8.57 ft-lb/in ² @Temperature -4.00 °F	
	3.30 J/cm ² @Temperature 23.0 °C	15.7 ft-lb/in ² @Temperature 73.4 °F	
Charpy Impact, Notched	0.300 J/cm ² @Temperature -20.0 °C	1.43 ft-lb/in ² @Temperature -4.00 °F	

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

Thermal Properties	Metric	English	Comments
Melting Point	160 °C	320 °F	
Deflection Temperature at 1.8 MPa (264 psi)	62.0 °C	144 °F	
Vicat Softening Point	99.0 °C	210 °F	B

Processing Properties	Metric	English	Comments
Melt Temperature	200 - 250 °C	392 - 482 °F	
Mold Temperature	40.0 - 80.0 °C	104 - 176 °F	
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