

Plastcom SLOVALEN PH 51 T 60 PP, 60% mineral filling

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

Material Notes:

Features Modified homopolymer PP for injection moulding with the content of 60% microground, floated, chemically modified talc. General application in all industry. 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-51-T-60-PP-60-mineral-filling.php

Physical Properties	Metric	English	Comments
Density	1.50 g/cc	0.0542 lb/in ³	
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	25.0 MPa	3630 psi	
Elongation at Break	2.0 %	2.0 %	
Tensile Modulus	5.40 GPa	783 ksi	
Flexural Strength	37.0 MPa	5370 psi	
Flexural Modulus	5.00 GPa	725 ksi	
Charpy Impact Unnotched	0.500 J/cm ² @Temperature -20.0 °C	2.38 ft-lb/in ² @Temperature -4.00 °F	
	0.700 J/cm ² @Temperature 23.0 °C	3.33 ft-lb/in ² @Temperature 73.4 °F	
Charpy Impact, Notched	0.120 J/cm ² @Temperature -20.0 °C	0.571 ft-lb/in ² @Temperature -4.00 °F	
	0.150 J/cm ² @Temperature 23.0 °C	0.714 ft-lb/in ² @Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
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Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	130 °C	266 °F	
Vicat Softening Point	160 °C	320 °F	B

Processing Properties	Metric	English	Comments
Melt Temperature	200 - 250 °C	392 - 482 °F	
Mold Temperature	40.0 - 70.0 °C	104 - 158 °F	
Drying Temperature	80.0 °C	176 °F	
Dry Time	4 hour	4 hour	
Injection Pressure	70.0 - 120 MPa	10200 - 17400 psi	

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