

Plastcom SLOVALEN PH 72 T 40 PP, 40% mineral filling

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 40% Talc Filler

Material Notes:

FeaturesModified homopolymer PP for injection moulding with the content of 40% microground, floated, thermo stable, chemically modified talc. General application in all industry branches - covers of car chassis, fenders, motors etc. Delivered in natural mode and in the full RAL colour scale.
Packaging, transport, stockingThe 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-72-T-40-PP-40-mineral-filling.php

Physical Properties	Metric	English	Comments
Density	1.21 g/cc	0.0437 lb/in ³	
Linear Mold Shrinkage	0.0144 cm/cm	0.0144 in/in	
Linear Mold Shrinkage, Transverse	0.0165 cm/cm	0.0165 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	31.0 MPa	4500 psi	
Elongation at Break	5.5 %	5.5 %	
Tensile Modulus	3.60 GPa	522 ksi	
Flexural Strength	47.0 MPa	6820 psi	
Flexural Modulus	3.70 GPa	537 ksi	
Charpy Impact Unnotched	2.30 J/cm ² @Temperature -20.0 °C	10.9 ft-lb/in ² @Temperature -4.00 °F	
	2.80 J/cm ² @Temperature 23.0 °C	13.3 ft-lb/in ² @Temperature 73.4 °F	
Charpy Impact, Notched	0.140 J/cm ² @Temperature -20.0 °C	0.666 ft-lb/in ² @Temperature -4.00 °F	

Mechanical Properties	0.270 J/cm² Metric	1.28 ft-lb/in² 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)	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	
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