

Plastcom SLOVALEN PH 59 T 40 LW 031 PP, 40% mineral filling, laser label

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

Material Notes:

Features Modified homopolymer PP for injection moulding with the content of 40% microground, floated, chemically modified talc. Contains modifier for laser labeling of finished parts. /LASER Nd:YAG - 1064nm/. Application in automotive industry. Covers of car chassis, fenders, motors etc. 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 pallet coated in a stretch foil, in big bags with a thick PE foil fixed on a 1.000 kg pallet, in paper octabins with a thick PE foil fixed on a 1.000 kg pallet 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-59-T-40-LW-031-PP-40-mineral-filling-laser-label.php

Physical Properties	Metric	English	Comments
Density	1.25 g/cc	0.0452 lb/in ³	
Linear Mold Shrinkage	0.0125 cm/cm	0.0125 in/in	
Linear Mold Shrinkage, Transverse	0.0131 cm/cm	0.0131 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	30.0 MPa	4350 psi	
Elongation at Break	3.0 %	3.0 %	
Tensile Modulus	3.20 GPa	464 ksi	
Flexural Strength	50.0 MPa	7250 psi	
Flexural Modulus	3.10 GPa	450 ksi	
Charpy Impact Unnotched	1.20 J/cm ² @Temperature -20.0 °C	5.71 ft-lb/in ² @Temperature -4.00 °F	
	2.40 J/cm ² @Temperature 23.0 °C	11.4 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	

Mechanical Properties	0.300 J/cm² Metric	1.43 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
Flammability, UL94	HB	HB	
Glow Wire Test	650 °C	1200 °F	

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	2 hour	2 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