

Plastcom SLOVALEN PH 51 N PP, basic type

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Features Modified homopolymer PP for injection moulding. General use in all industry branches - packing material, garden flowerpots, toys, furniture industry, hinges, fasteners, clamps, office chairs, hangers etc. Delivered in natural mode and in the full RALL 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-N-PP-basic-type.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	
Linear Mold Shrinkage	0.018 cm/cm	0.018 in/in	
Linear Mold Shrinkage, Transverse	0.0193 cm/cm	0.0193 in/in	
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	30.0 MPa	4350 psi	
Elongation at Break	150 %	150 %	
Tensile Modulus	1.50 GPa	218 ksi	
Flexural Strength	40.0 MPa	5800 psi	
Flexural Modulus	1.10 GPa	160 ksi	
Charpy Impact Unnotched	NB @Temperature 23.0 °C	NB @Temperature 73.4 °F	
Charpy Impact, Notched	0.500 J/cm ² @Temperature 23.0 °C	2.38 ft-lb/in ² @Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Melting Point	160 °C	320 °F	

Thermal Properties <small>Stress at 1.8 MPa (264 psi)</small>	Metric	English	Comments
Vicat Softening Point	150 °C	302 °F	B

Processing Properties	Metric	English	Comments
Melt Temperature	200 - 250 °C	392 - 482 °F	
Mold Temperature	30.0 - 50.0 °C	86.0 - 122 °F	
Injection Pressure	60.0 - 70.0 MPa	8700 - 10200 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