

Plastcom SLOVALEN PC 16 FRD 1 PP, flame retardant

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Flame Retardant

Material Notes:

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-PC-16-FRD-1-PP-flame-retardant.php

Physical Properties	Metric	English	Comments
Density	0.915 g/cc	0.0331 lb/in ³	
Linear Mold Shrinkage	0.021 cm/cm	0.021 in/in	
Linear Mold Shrinkage, Transverse	0.0194 cm/cm	0.0194 in/in	
Melt Flow	0.50 g/10 min @Load 0.325 kg, Temperature 270 °C	0.50 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	250 %	250 %	
Tensile Modulus	1.45 GPa	210 ksi	
Flexural Strength	35.0 MPa	5080 psi	
Flexural Modulus	1.30 GPa	189 ksi	
Charpy Impact Unnotched	NB @Temperature 23.0 °C	NB @Temperature 73.4 °F	
	NB @Temperature -20.0 °C	NB @Temperature -4.00 °F	
Charpy Impact, Notched	1.40 J/cm ² @Temperature -20.0 °C	6.66 ft-lb/in ² @Temperature -4.00 °F	
	9.00 J/cm ² @Temperature 23.0 °C	42.8 ft-lb/in ² @Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	70.0 °C	158 °F	
Vicat Softening Point	150 °C	302 °F	B
Flammability, UL94	V-2	V-2	
Glow Wire Test	960 °C	1760 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+14 ohm-cm	1.00e+14 ohm-cm	
Surface Resistance	1.00e+16 ohm	1.00e+16 ohm	
Dielectric Strength	24.0 kV/mm	610 kV/in	
Comparative Tracking Index	450 V	450 V	

Processing Properties	Metric	English	Comments
Melt Temperature	180 - 210 °C	356 - 410 °F	

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