

Plastcom SLOVALEN PC 18 FRT 5 PP, mod. of mech. properties, fire retardant

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

Material Notes:

Features Modified copolymer PP for extrusion, contains the modifier of mechanical properties and non halogen and free phosphor flame retardant. 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-PC-18-FRT-5-PP-mod-of-mech-properties-fire-retardant.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in ³	
Melt Flow	1.0 - 2.5 g/10 min @Load 0.325 kg, Temperature 270 °C	1.0 - 2.5 g/10 min @Load 0.716 lb, Temperature 518 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	17.0 MPa	2470 psi	
Elongation at Break	3.0 %	3.0 %	
Tensile Modulus	1.50 GPa	218 ksi	
Flexural Strength	38.0 MPa	5510 psi	
Flexural Modulus	1.35 GPa	196 ksi	
Charpy Impact Unnotched	1.80 J/cm ² @Temperature -20.0 °C	8.57 ft-lb/in ² @Temperature -4.00 °F	
	4.60 J/cm ² @Temperature 23.0 °C	21.9 ft-lb/in ² @Temperature 73.4 °F	
Charpy Impact, Notched	0.300 J/cm ² @Temperature -20.0 °C	1.43 ft-lb/in ² @Temperature -4.00 °F	
	0.500 J/cm ² @Temperature 23.0 °C	2.38 ft-lb/in ² @Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
--------------------	--------	---------	----------

Thermal Properties <small>Deflection Temperature at 1.8 MPa (204 psi)</small>	Metric	English	Comments
Vicat Softening Point	116 °C	241 °F	B
Flammability, UL94	V-0 @Thickness 1.60 mm	V-0 @Thickness 0.0630 in	
Glow Wire Test	960 °C	1760 °F	at 3 mm

Processing Properties	Metric	English	Comments
Melt Temperature	200 - 250 °C	392 - 482 °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