

Plastcom SLOVALEN PQ 83 N PP, imp. strength

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Impact Modified; Molded/Extruded

Material Notes:

FeaturesPP modified with natural caoutchouc. The addition of thermoplastic caoutchouc causes increased toughness. General application in all industry branches. 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-PQ-83-N-PP-imp-strength.php

Physical Properties	Metric	English	Comments
Density	0.910 g/cc	0.0329 lb/in ³	
Linear Mold Shrinkage	0.0252 cm/cm	0.0252 in/in	
Linear Mold Shrinkage, Transverse	0.0263 cm/cm	0.0263 in/in	
Melt Flow	22 g/10 min @Load 0.325 kg, Temperature 270 °C	22 g/10 min @Load 0.716 lb, Temperature 518 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	18.0 MPa	2610 psi	
Elongation at Break	200 %	200 %	
Tensile Modulus	0.980 GPa	142 ksi	
Flexural Strength	17.0 MPa	2470 psi	
Flexural Modulus	0.900 GPa	131 ksi	
Charpy Impact Unnotched	NB	NB	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Charpy Impact, Notched	NB	NB	
	@Temperature -20.0 °C	@Temperature -4.00 °F	
Charpy Impact, Notched	5.50 J/cm ²	26.2 ft-lb/in ²	
	@Temperature -20.0 °C	@Temperature -4.00 °F	
	NB	NB	

Mechanical Properties	@Temperature 23.0 °C Metric	@Temperature 73.4 °F English	Comments
Thermal Properties	Metric	English	Comments
Melting Point	140 °C	284 °F	
Deflection Temperature at 1.8 MPa (264 psi)	85.0 °C	185 °F	
Vicat Softening Point	95.0 °C	203 °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