

Plastcom SLOVALEN PC 79 T 20 PP/C reinforced with 20% mineral filler

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer , Polypropylene with 20% Talc Filler

Material Notes:

Features: Modified PP for injection moulding with the content of 20% mineral filling. Increased rigidity, strength and thermal. Decreased shrinkage. Antistatic agent. Delivered in natural mode and in full color scala grade according to customer requirement. 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-79-T-20-PPC-reinforced-with-20-mineral-filler.php

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/in ³	
Linear Mold Shrinkage	0.011 cm/cm	0.011 in/in	
Linear Mold Shrinkage, Transverse	0.013 cm/cm	0.013 in/in	
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 230 °C	12 g/10 min @Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	15.0 MPa	2180 psi	
Elongation at Break	5.0 %	5.0 %	
Tensile Modulus	1.60 GPa	232 ksi	
Flexural Strength	22.0 MPa	3190 psi	
Flexural Modulus	1.55 GPa	225 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	0.800 J/cm ² @Temperature -20.0 °C	3.81 ft-lb/in ² @Temperature -4.00 °F	

Mechanical Properties	7.50 J/cm ² Metric	35.7 ft-lb/in ² English	Comments
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	52.0 °C	126 °F	
Vicat Softening Point	105 °C	221 °F	
Flammability Test	1.0	1.0	

Processing Properties	Metric	English	Comments
Melt Temperature	200 - 250 °C	392 - 482 °F	
Mold Temperature	40.0 - 50.0 °C	104 - 122 °F	
Drying Temperature	80.0 °C	176 °F	
Dry Time	4 hour	4 hour	
Injection Pressure	70.0 - 120 MPa	10200 - 17400 psi	

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