

## Plastcom SLOVALEN PC 93 T 30 PP reinforced with 30% mineral filler

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 30% Talc Filler

### Material Notes:

Features: Modified copolymer PP for injection moulding with the content of 30% microground, floated, chemically modified talc. General application - packing material, garden flower-pots, toys, furniture industry, clamps, dowels, hinge, holders, office chairs, covers of chassis, motors, fenders. Increased toughness. 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-93-T-30-PP-reinforced-with-30-mineral-filler.php](http://www.lookpolymers.com/polymer_Plastcom-SLOVALEN-PC-93-T-30-PP-reinforced-with-30-mineral-filler.php)

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in <sup>3</sup>	
Linear Mold Shrinkage	0.016 cm/cm	0.016 in/in	
Linear Mold Shrinkage, Transverse	0.015 cm/cm	0.015 in/in	
Melt Flow	15 g/10 min @Load 2.16 kg, Temperature 230 °C	15 g/10 min @Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	25.0 MPa	3630 psi	
Elongation at Break	7.0 %	7.0 %	
Tensile Modulus	2.80 GPa	406 ksi	
Flexural Strength	70.0 MPa	10200 psi	
Flexural Modulus	2.30 GPa	334 ksi	
Charpy Impact Unnotched	8.50 J/cm <sup>2</sup>	40.4 ft-lb/in <sup>2</sup>	
	@Temperature -20.0 °C	@Temperature -4.00 °F	
Charpy Impact, Notched	NB	NB	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Charpy Impact, Notched	0.500 J/cm <sup>2</sup>	2.38 ft-lb/in <sup>2</sup>	
	@Temperature -20.0 °C	@Temperature -4.00 °F	

Mechanical Properties	Metric	English	Comments
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Melting Point	150 °C	302 °F	
Deflection Temperature at 1.8 MPa (264 psi)	130 °C	266 °F	
Vicat Softening Point	90.0 °C	194 °F	

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	2 hour	2 hour	
Moisture Content	<= 0.10 %	<= 0.10 %	
Injection Pressure	70.0 - 120 MPa	10200 - 17400 psi	

## Contact Songhan Plastic Technology Co.,Ltd.

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