

## Plastcom SLOVALEN PH 92 T 30 PP, 30% mineral filling

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

### Material Notes:

Features Modified PP for injection moulding with the content of 30% mineral filling. Increased rigidity, strength and thermal. Decreased shrinkage. General application in all industry branches. 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-PH-92-T-30-PP-30-mineral-filling.php](http://www.lookpolymers.com/polymer_Plastcom-SLOVALEN-PH-92-T-30-PP-30-mineral-filling.php)

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in <sup>3</sup>	
Linear Mold Shrinkage	0.0175 cm/cm	0.0175 in/in	
Linear Mold Shrinkage, Transverse	0.0182 cm/cm	0.0182 in/in	
Melt Flow	25 g/10 min @Load 0.325 kg, Temperature 270 °C	25 g/10 min @Load 0.716 lb, Temperature 518 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	34.0 MPa	4930 psi	
Elongation at Break	5.0 %	5.0 %	
Tensile Modulus	3.20 GPa	464 ksi	
Flexural Strength	88.0 MPa	12800 psi	
Flexural Modulus	3.15 GPa	457 ksi	
Charpy Impact Unnotched	1.10 J/cm <sup>2</sup> @Temperature -20.0 °C	5.23 ft-lb/in <sup>2</sup> @Temperature -4.00 °F	
	2.50 J/cm <sup>2</sup> @Temperature 23.0 °C	11.9 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	
Charpy Impact, Notched	0.100 J/cm <sup>2</sup> @Temperature -20.0 °C	0.476 ft-lb/in <sup>2</sup> @Temperature -4.00 °F	
	0.200 J/cm <sup>2</sup>	0.952 ft-lb/in <sup>2</sup>	

<b>Mechanical Properties</b>	<b>@Temperature 23.0 °C Metric</b>	<b>@Temperature 73.4 °F English</b>	<b>Comments</b>
<b>Thermal Properties</b>	<b>Metric</b>	<b>English</b>	<b>Comments</b>
Deflection Temperature at 1.8 MPa (264 psi)	125 °C	257 °F	
Vicat Softening Point	142 °C	288 °F	B
Flammability, UL94	HB	HB	
<b>Processing Properties</b>	<b>Metric</b>	<b>English</b>	<b>Comments</b>
Melt Temperature	200 - 250 °C	392 - 482 °F	
Mold Temperature	40.0 - 50.0 °C	104 - 122 °F	
Injection Pressure	70.0 - 120 MPa	10200 - 17400 psi	

## Contact Songhan Plastic Technology Co.,Ltd.

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