

Plastcom SLOVALEN PH 69 GF 20 T 10 PP, 20% glass fibre

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 10% Talc Filler , Polypropylene with 20% Glass Fiber Filler

Material Notes:

Features Modified homopolymer PP for injection moulding, chemically reinforced with 20% glass fibre and 10 % Talc, contains the modifier of mechanical properties. Increased strength in comparison with unfilled PP. Applied in all industry branches. Increased strength, toughness, modulus in tension due to the modification. Delivered in natural 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-PH-69-GF-20-T-10-PP-20-glass-fibre.php

| Physical Properties | Metric | English | Comments |
|-----------------------------------|---|---|----------|
| Density | 1.10 g/cc | 0.0397 lb/in ³ | |
| Linear Mold Shrinkage | 0.0062 cm/cm | 0.0062 in/in | |
| Linear Mold Shrinkage, Transverse | 0.0098 cm/cm | 0.0098 in/in | |
| Melt Flow | 5.0 g/10 min @Load 0.325 kg, Temperature 270 °C | 5.0 g/10 min @Load 0.716 lb, Temperature 518 °F | |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|--|---|----------|
| Tensile Strength at Break | 60.0 MPa | 8700 psi | |
| Elongation at Break | 4.0 % | 4.0 % | |
| Tensile Modulus | 5.10 GPa | 740 ksi | |
| Flexural Strength | 105 MPa | 15200 psi | |
| Flexural Modulus | 4.55 GPa | 660 ksi | |
| Charpy Impact Unnotched | 3.50 J/cm ² @Temperature -20.0 °C | 16.7 ft-lb/in ² @Temperature -4.00 °F | |
| | 4.20 J/cm ² @Temperature 23.0 °C | 20.0 ft-lb/in ² @Temperature 73.4 °F | |
| Charpy Impact, Notched | 0.400 J/cm ² @Temperature -20.0 °C | 1.90 ft-lb/in ² @Temperature -4.00 °F | |

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

| Thermal Properties | Metric | English | Comments |
|---|--------|---------|----------|
| Melting Point | 160 °C | 320 °F | |
| Deflection Temperature at 1.8 MPa (264 psi) | 118 °C | 244 °F | |
| Vicat Softening Point | 131 °C | 268 °F | B |
| Flammability, UL94 | HB | HB | |
| Glow Wire Test | 650 °C | 1200 °F | |

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