

## Eurotec® Tecolen® HP30 KG30 NL HS 0B PPCP, 30% glass fiber/glass bead reinforced, heat stabilized, natural

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with Glass Fiber + Bead Filler

### Material Notes:

Information provided by Eurotec®

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Eurotec-Tecolen-HP30-KG30-NL-HS-0B-PPCP-30-glass-fiberglass-bead-reinforced-heat-stabilized-natural.php](http://www.lookpolymers.com/polymer_Eurotec-Tecolen-HP30-KG30-NL-HS-0B-PPCP-30-glass-fiberglass-bead-reinforced-heat-stabilized-natural.php)

Physical Properties	Metric	English	Comments
Density	1.11 g/cc	0.0401 lb/in <sup>3</sup>	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	72.0 MPa	10400 psi	ISO 527
Elongation at Break	3.0 %	3.0 %	ISO 527
Tensile Modulus	5.50 GPa	798 ksi	ISO 527
Izod Impact, Notched (ISO)	10.0 kJ/m <sup>2</sup> @Temperature 23.0 °C	4.76 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	ISO 180/1A

Thermal Properties	Metric	English	Comments
Melting Point	165 - 170 °C	329 - 338 °F	[10 K/min], ISO 11357
Deflection Temperature at 1.8 MPa (264 psi)	145 °C	293 °F	ISO 75
Flammability, UL94	HB @Thickness 0.750 mm	HB @Thickness 0.0295 in	
	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+15 ohm-cm	1.00e+15 ohm-cm	IEC 60093
Surface Resistance	1.00e+15 ohm	1.00e+15 ohm	IEC 60093

Processing Properties	Metric	English	Comments
Processing Temperature	200 - 240 °C	392 - 464 °F	

Feed Temperature Processing Properties	≤ 60.0 °C Metric	≤ 140 °F English	Throat Comments
Mold Temperature	20.0 - 50.0 °C	68.0 - 122 °F	
Hold Pressure	40.0 - 80.0 MPa	5800 - 11600 psi	

Descriptive Properties	Value	Comments
Back Pressure	Low	
Injection Speed	Medium - Fast	

## Contact Songhan Plastic Technology Co.,Ltd.

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