

Inno-Comp INNOPOLÂ® CS 1-5830 30% Glass-Fiber-Filled Polypropylene Homopolymer

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

Material Notes:

INNOPOLÂ® CS 1-5830 is a 30% glass-fiber-filled polypropylene homopolymer compound. This grade is available in natural and custom colored form. INNOPOLÂ® CS 1-5830 is recommended for producing injection molded products, where the required properties are high strength and stiffness. All information provided by INNO-COMP.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Inno-Comp-INNOPOL-CS-1-5830-30-Glass-Fiber-Filled-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Density	1.14 g/cc @Temperature 23.0 Â°C	0.0412 lb/inÂ³ @Temperature 73.4 Â°F	ISO 1183
Linear Mold Shrinkage	0.0080 - 0.016 cm/cm	0.0080 - 0.016 in/in	ISO 294-4:1997
Melt Flow	3.0 g/10 min @Load 2.16 kg, Temperature 230 Â°C	3.0 g/10 min @Load 4.76 lb, Temperature 446 Â°F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	80.0 MPa	11600 psi	50 mm/min; ISO 527-1,-2
Elongation at Yield	2.5 %	2.5 %	50 mm/min; ISO 527-1,-2
Tensile Modulus	6.00 GPa	870 ksi	2 mm/min; ISO 527-1,-2
Flexural Modulus	5.80 GPa	841 ksi	2 mm/min; ISO 178
Charpy Impact, Notched	0.900 J/cmÂ² @Temperature -20.0 Â°C	4.28 ft-lb/inÂ² @Temperature -4.00 Â°F	ISO 179/1eA
	1.20 J/cmÂ² @Temperature 23.0 Â°C	5.71 ft-lb/inÂ² @Temperature 73.4 Â°F	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	160 Â°C	320 Â°F	ISO 75-1,-2
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	FMVSS 302

Descriptive Properties	Value	Comments
Automotive Materials	Pass	FMVSS 302
Color	Natural	

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