

Inno-Comp INNOPOLÂ® CS 2-2130 30% Talc Filled Polypropylene Copolymer

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

Material Notes:

INNOPOLÂ® CS 2-2130 is a 30 % talc-filled polypropylene compound /PP-B TD30 (ISO 1043)/. This grade is available in natural and custom colored form. INNOPOLÂ® CS 2-2130 is recommended for producing injection molded automotive products where the required property is high stiffness besides low shrinkage and low temperature resistance. Information provided by INNO-COMP

Order this product through the following link:

http://www.lookpolymers.com/polymer_Inno-Comp-INNOPOL-CS-2-2130-30-Talc-Filled-Polypropylene-Copolymer.php

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/inÂ³	ISO 1183
Melt Flow	20 g/10 min @Load 2.16 kg, Temperature 230 Â°C	20 g/10 min @Load 4.76 lb, Temperature 446 Â°F	nozzle diam 2.095 mm; ISO 1133
Storage Temperature	<= 60.0 Â°C	<= 140 Â°F	

Mechanical Properties	Metric	English	Comments
Tensile Stress	28.0 MPa	4060 psi	50 mm/min; ISO 527-1,-2
Elongation at Yield	3.0 %	3.0 %	50 mm/min; ISO 527-1,-2
Tensile Modulus	3.10 GPa	450 ksi	1 mm/min; ISO 527-1,-2
Flexural Modulus	3.20 GPa	464 ksi	ISO 178
Charpy Impact, Notched	0.200 J/cmÂ² @Temperature -20.0 Â°C	0.952 ft-lb/inÂ² @Temperature -4.00 Â°F	ISO 179/1eA
	0.350 J/cmÂ² @Temperature 23.0 Â°C	1.67 ft-lb/inÂ² @Temperature 73.4 Â°F	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	126 Â°C	259 Â°F	ISO 75-1,-2

Processing Properties	Metric	English	Comments
Rear Barrel Temperature	210 - 240 Â°C	410 - 464 Â°F	Injection
Middle Barrel Temperature	210 - 240 Â°C	410 - 464 Â°F	Injection

Front Barrel Temperature Processing Properties	210 - 240 Å°C Metric	410 - 464 Å°F English	Injection Comments
Melt Temperature	230 - 250 Å°C	446 - 482 Å°F	Injection
Mold Temperature	15.0 - 50.0 Å°C	59.0 - 122 Å°F	
Moisture Content	<= 0.070 %	<= 0.070 %	

Descriptive Properties	Value	Comments
Resin Designation	PP-B TD30	ISO 1043

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