

Inno-Comp INNOPOLÂ® CS 2-3120 TO 20% Talc Filled Polypropylene Block-Copolymer

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

Material Notes:

INNOPOLÂ® CS 2-3120 TO is a 20% talc-filled compound based on polypropylene block-copolymer. This grade is available in nature and custom colored form. INNOPOLÂ® CS 2-3120 TO is developed for producing injection molded automotive components. All information provided by INNO-COMP.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Inno-Comp-INNOPOL-CS-2-3120-TO-20-Talc-Filled-Polypropylene-Block-Copolymer.php

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/inÂ³	ISO 1183
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
Melt Flow	14 g/10 min	14 g/10 min	ISO 1133
	@Load 2.16 kg, Temperature 230 Â°C	@Load 4.76 lb, Temperature 446 Â°F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	20.0 MPa	2900 psi	50 mm/min; ISO 527-1,-2
Elongation at Yield	5.5 %	5.5 %	50 mm/min; ISO 527-1,-2
Tensile Modulus	1.50 GPa	218 ksi	1 mm/min; ISO 527-1,-2
Flexural Modulus	1.60 GPa	232 ksi	2 mm/min; ISO 178
Charpy Impact, Notched	0.500 J/cmÂ²	2.38 ft-lb/inÂ²	ISO 179/1eA
	@Temperature -20.0 Â°C	@Temperature -4.00 Â°F	
	2.50 J/cmÂ²	11.9 ft-lb/inÂ²	ISO 179/1eA
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	105 Â°C	221 Â°F	ISO 75-1,-2

Descriptive Properties	Value	Comments
Color	Natural	

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