

Inno-Comp INNOPOLÂ® CS 2-4210 10% Chalk-Filled Polypropylene Block-Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 10% Calcium Carbonate (CaCO3) Filler

Material Notes:

INNOPOLÂ® CS 2-4210 is a 10% chalk-filled compound based on polypropylene block-copolymer. This grade is available in nature and custom colored form. INNOPOLÂ® CS 2-4210 is developed for producing injection molded components. All information provided by INNO-COMP.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Inno-Comp-INNOPOL-CS-2-4210-10-Chalk-Filled-Polypropylene-Block-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.970 g/cc	0.0350 lb/in ³	ISO 1183
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
Melt Flow	7.0 g/10 min	7.0 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	24.0 MPa	3480 psi	50 mm/min; ISO 527-1,-2
Elongation at Yield	4.5 %	4.5 %	50 mm/min; ISO 527-1,-2
Tensile Modulus	1.35 GPa	196 ksi	1 mm/min; ISO 527-1,-2
Flexural Modulus	1.50 GPa	218 ksi	2 mm/min; ISO 178
Charpy Impact, Notched	0.400 J/cm ²	1.90 ft-lb/in ²	ISO 179/1eA
	@Temperature -20.0 Â°C	@Temperature -4.00 Â°F	
	0.900 J/cm ²	4.28 ft-lb/in ²	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)	100 Â°C	212 Â°F	ISO 75-1,-2

Descriptive Properties	Value	Comments
Color	Natural	

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