

Inno-Comp INNOPOLÂ® CS 1-3250 42% Chalk-Filled Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 40% Calcium Carbonate (CaCO3) Filler

Material Notes:

INNOPOLÂ® CS 1-3250 is a 42% chalk-filled polypropylene homopolymer compound /PP-H KD42 (ISO 1043)/. This grade is available in natural and custom colored form. INNOPOLÂ® CS 1-3250 is developed for producing injection molded components for household equipments. All information provided by INNO-COMP.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Inno-Comp-INNOPOL-CS-1-3250-42-Chalk-Filled-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Density	1.24 g/cc	0.0448 lb/inÂ³	ISO 1183
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
Melt Flow	7.5 g/10 min	7.5 g/10 min	ISO 1133
	@Load 2.16 kg, Temperature 230 Â°C	@Load 4.76 lb, Temperature 446 Â°F	
Ash	24 %	24 %	ISO 3451-1/A
	@Temperature 900 Â°C	@Temperature 1650 Â°F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	25.0 MPa	3630 psi	50 mm/min; ISO 527-1,-2
Elongation at Yield	3.6 %	3.6 %	50 mm/min; ISO 527-1,-2
Tensile Modulus	2.70 GPa	392 ksi	1 mm/min; ISO 527-1,-2
Flexural Modulus	3.10 GPa	450 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	2.00 kJ/mÂ²	0.952 ft-lb/inÂ²	ISO 179/1eA
	@Temperature -20.0 Â°C	@Temperature -4.00 Â°F	
	4.50 kJ/mÂ²	2.14 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)	120 Â°C	248 Â°F	ISO 75-1,-2

Descriptive Properties	Value	Comments
Color	Natural	

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