

Inno-Comp INNOPOLÂ® CS 1-6140 N 40% Talc-Filled Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 40% Talc Filler

Material Notes:

INNOPOLÂ® CS 1-6140 N is a 40% talc-filled polypropylene homopolymer compound /PP-H TD40 (ISO 1043)/.INNOPOLÂ® CS 1-6140 N is developed for producing injection molded components for household equipments. INNOPOLÂ® CS 1-6140 N is high heat and wash-liquor stabilized.All information provided by INNO-COMP.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Inno-Comp-INNOPOL-CS-1-6140-N-40-Talc-Filled-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Density	1.22 g/cc @Temperature 23.0 Â°C	0.0441 lb/inÂ³ @Temperature 73.4 Â°F	ISO 1183
Melt Flow	2.0 g/10 min @Load 2.16 kg, Temperature 230 Â°C	2.0 g/10 min @Load 4.76 lb, Temperature 446 Â°F	ISO 1133
Ash	39 % @Temperature 600 Â°C	39 % @Temperature 1110 Â°F	ISO 3451-1/A

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	35.0 MPa	5080 psi	50 mm/min; ISO 527-1,-2
Elongation at Yield	3.2 %	3.2 %	50 mm/min; ISO 527-1,-2
Tensile Modulus	4.10 GPa	595 ksi	1 mm/min; ISO 527-1,-2
Flexural Modulus	4.20 GPa	609 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	2.20 kJ/mÂ² @Temperature -20.0 Â°C	1.05 ft-lb/inÂ² @Temperature -4.00 Â°F	ISO 179/1eA
	3.50 kJ/mÂ² @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)	139 Â°C	282 Â°F	ISO 75-1,-2
Deflection Temperature at 1.8 MPa	81.0 Â°C	178 Â°F	

<small>(264 psi)</small> Thermal Properties	Metric	English	ISO 75-1-2 Comments
Vicat Softening Point	95.0 Å°C	203 Å°F	B120; ISO 306
	157 Å°C	315 Å°F	A120; ISO 306

Descriptive Properties	Value	Comments
Color	Natural	

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