

Inno-Comp INNOPOLÂ® CS 2-9000 Polypropylene Block-Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

Material Notes:

INNOPOLÂ® CS 2-9000 is a polypropylene block-copolymer based compound. This grade is available in nature and custom colored form. INNOPOLÂ® CS 2-9000 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-2-9000-Polypropylene-Block-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/inÂ³	ISO 1183
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
Linear Mold Shrinkage	0.011 cm/cm	0.011 in/in	Normal; ISO 294
Linear Mold Shrinkage, Flow	0.013 cm/cm	0.013 in/in	ISO 294
Melt Flow	40 g/10 min	40 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	26.0 MPa	3770 psi	50 mm/min; ISO 527-1,-2
Elongation at Yield	8.0 %	8.0 %	50 mm/min; ISO 527-1,-2
Tensile Modulus	1.20 GPa	174 ksi	1 mm/min; ISO 527-1,-2
Charpy Impact, Notched	0.400 J/cmÂ²	1.90 ft-lb/inÂ²	ISO 179/1eA
	@Temperature -30.0 Â°C	@Temperature -22.0 Â°F	
	0.800 J/cmÂ²	3.81 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
Deflection Temperature at 1.8 MPa (264 psi)	52.0 Â°C	126 Â°F	ISO 75-1,-2
Flammability, UL94	HB	HB	FMVSS 302

Thermal Properties	@Thickness 1.60 mm Metric	@Thickness 0.0630 in English	Comments
Descriptive Properties		Value	Comments
Automotive Materials		Pass	FMVSS 302
Color		Natural	

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