

## Inno-Comp INNOPOLÂ® CS 2-1000 Polypropylene Block-Copolymer

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

### Material Notes:

INNOPOLÂ® CS 2-1000 is a polypropylene block-copolymer compound. This grade is available in natural and custom colored form. INNOPOLÂ® CS 2-1000 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-2-1000-Polypropylene-Block-Copolymer.php](http://www.lookpolymers.com/polymer_Inno-Comp-INNOPOL-CS-2-1000-Polypropylene-Block-Copolymer.php)

Physical Properties	Metric	English	Comments
Density	0.910 g/cc	0.0329 lb/in <sup>3</sup>	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	22 g/10 min	22 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	30.0 MPa	4350 psi	50 mm/min; ISO 527-1,-2
Elongation at Yield	6.0 %	6.0 %	50 mm/min; ISO 527-1,-2
Tensile Modulus	1.45 GPa	210 ksi	1 mm/min; ISO 527-1,-2
Charpy Impact, Notched	0.400 J/cm <sup>2</sup>	1.90 ft-lb/in <sup>2</sup>	ISO 179/1eA
	@Temperature -30.0 Â°C	@Temperature -22.0 Â°F	
	0.800 J/cm <sup>2</sup>	3.81 ft-lb/in <sup>2</sup>	ISO 179/1eA
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	

Thermal Properties	Metric	English	Comments
Melting Point	164 Â°C	327 Â°F	DSC; ISO 11357-1,-3
Deflection Temperature at 0.46 MPa (66 psi)	115 Â°C	239 Â°F	ISO 75-1,-2
Deflection Temperature at 1.8 MPa (264 psi)	57.0 Â°C	135 Â°F	ISO 75-1,-2

Thermal Properties	Metric	English	Comments
	@Thickness 1.60 mm	@Thickness 0.0630 in	

Descriptive Properties	Value	Comments
Automotive Materials	Pass	FMVSS 302
Color	Natural	

## Contact Songhan Plastic Technology Co.,Ltd.

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