

Inno-Comp INNOPOLÂ® CS 2-2000 TO Polypropylene Block-Copolymer Based Compound

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

Material Notes:

INNOPOLÂ® CS 2-2000 TO is a polypropylene block-copolymer based compound. This grade is available in natural and custom colored form. INNOPOLÂ® CS 2-2000 TO is developed for producing injection molded automotive components, where the required properties are good stiffness and processability besides excellent low-temperature impact resistance. All information provided by INNO-COMP.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Inno-Comp-INNOPOL-CS-2-2000-TO-Polypropylene-Block-Copolymer-Based-Compound.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc @Temperature 23.0 Â°C	0.0325 lb/inÂ³ @Temperature 73.4 Â°F	ISO 1183
Melt Flow	20 g/10 min @Load 2.16 kg, Temperature 230 Â°C	20 g/10 min @Load 4.76 lb, Temperature 446 Â°F	ISO 1133
Ash	0.30 % @Temperature 600 Â°C	0.30 % @Temperature 1110 Â°F	ISO 3451-1/A

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	21.0 MPa	3050 psi	50 mm/min; ISO 527-1,-2
Elongation at Yield	9.0 %	9.0 %	50 mm/min; ISO 527-1,-2
Tensile Modulus	0.900 GPa	131 ksi	1 mm/min; ISO 527-1,-2
Flexural Modulus	0.950 GPa	138 ksi	2 mm/min; ISO 178
Charpy Impact Unnotched	NB @Temperature 23.0 Â°C	NB @Temperature 73.4 Â°F	ISO 179/1eU
	NB @Temperature -20.0 Â°C	NB @Temperature -4.00 Â°F	ISO 179/1eU
Charpy Impact, Notched	0.800 J/cmÂ² @Temperature -20.0 Â°C	3.81 ft-lb/inÂ² @Temperature -4.00 Â°F	ISO 179/1eA
	4.00 J/cmÂ²	19.0 ft-lb/inÂ²	

Mechanical Properties	Metric	English	ISO 179/1eA Comments
	@ Temperature 23.0 Â°C	@ Temperature 73.4 Â°F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	89.0 Â°C	192 Â°F	ISO 75-1,-2
Deflection Temperature at 1.8 MPa (264 psi)	50.0 Â°C	122 Â°F	ISO 75-1,-2
Vicat Softening Point	56.0 Â°C	133 Â°F	B120; ISO 306
	135 Â°C	275 Â°F	A120; ISO 306

Descriptive Properties	Value	Comments
Color	Natural	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China