

Inno-Comp INNOPOLÂ® CS 2-8000 Polypropylene Block-Copolymer

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

Material Notes:

INNOPOLÂ® CS 2-8000 is a polypropylene block-copolymer. This grade is available in nature and custom colored form. INNOPOLÂ® CS 2-8000 is highly suitable for pipe manufacturing where the required property is high impact resistance besides good stiffness. All information provided by INNO-COMP.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Inno-Comp-INNOPOL-CS-2-8000-Polypropylene-Block-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ISO 1183
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
Melt Flow	0.40 g/10 min	0.40 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	28.0 MPa	4060 psi	50 mm/min; ISO 527-1,-2
Elongation at Yield	10 %	10 %	50 mm/min; ISO 527-1,-2
Tensile Modulus	1.30 GPa	189 ksi	1 mm/min; ISO 527-1,-2
Flexural Modulus	1.40 GPa	203 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	6.20 kJ/m ²	2.95 ft-lb/in ²	ISO 179/1eA
	@Temperature -20.0 Â°C	@Temperature -4.00 Â°F	
	59.0 kJ/m ²	28.1 ft-lb/in ²	ISO 179/1eA
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
Charpy Impact, Notched	0.520 J/cm ²	2.47 ft-lb/in ²	ISO 179/1eA
	@Temperature -20.0 Â°C	@Temperature -4.00 Â°F	
	6.50 J/cm ²	30.9 ft-lb/in ²	ISO 179/1eA
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	

Thermal Properties	Metric	English	Comments
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Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (264 psi)	87.0 Â°C	189 Â°F	ISO 75-1,-2
Deflection Temperature at 1.8 MPa (264 psi)	48.0 Â°C	118 Â°F	ISO 75-1,-2
Vicat Softening Point	79.0 Â°C	174 Â°F	B120; ISO 306
	150 Â°C	302 Â°F	A120; ISO 306

Descriptive Properties	Value	Comments
Color	Natural	

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