

Inno-Comp INNOPOLÂ® CS 4-8000 Polypropylene Random Copolymer

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

Material Notes:

INNOPOLÂ® CS 4-8000 is a polypropylene random copolymer. This grade is available in nature and custom colored form. INNOPOLÂ® CS 4-8000 is highly suitable for pressure pipe manufacturing, including hot, drinking water systems and floor-heating application. All information provided by INNO-COMP.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Inno-Comp-INNOPOL-CS-4-8000-Polypropylene-Random-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	0.30 g/10 min	0.30 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	27.0 MPa	3920 psi	50 mm/min; ISO 527-1,-2
Elongation at Yield	13 %	13 %	50 mm/min; ISO 527-1,-2
Tensile Modulus	0.900 GPa	131 ksi	1 mm/min; ISO 527-1,-2
Charpy Impact Unnotched	3.00 J/cm ²	14.3 ft-lb/in ²	ISO 179/1eU
	@Temperature -20.0 Â°C	@Temperature -4.00 Â°F	
	NB	NB	ISO 179/1eU
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
Charpy Impact, Notched	0.200 J/cm ²	0.952 ft-lb/in ²	ISO 179/1eA
	@Temperature -20.0 Â°C	@Temperature -4.00 Â°F	
	3.80 J/cm ²	18.1 ft-lb/in ²	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)	88.0 Â°C	190 Â°F	ISO 75-1,-2

Descriptive Properties	Value	Comments
Color	Natural	

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