

Inno-Comp INNOPOLÂ® CS 2-5000 Polypropylene Block-Copolymer

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

Material Notes:

INNOPOLÂ® CS 2-5000 is a polypropylene block-copolymer compound. This grade is available in nature and custom colored form. INNOPOLÂ® CS 2-5000 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-2-5000-Polypropylene-Block-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.910 g/cc	0.0329 lb/in ³	ISO 1183
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
Linear Mold Shrinkage, Flow	0.014 cm/cm	0.014 in/in	ISO 294
Linear Mold Shrinkage, Transverse	0.011 cm/cm	0.011 in/in	ISO 294
Melt Flow	4.0 g/10 min	4.0 g/10 min	ISO 1133
	@Load 2.16 kg, Temperature 230 Â°C	@Load 4.76 lb, Temperature 446 Â°F	
Ash	0.50 %	0.50 %	ISO 3451-1/A
	@Temperature 900 Â°C	@Temperature 1650 Â°F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	25.0 MPa	3630 psi	50 mm/min; ISO 527-1,-2
Elongation at Yield	7.5 %	7.5 %	50 mm/min; ISO 527-1,-2
Tensile Modulus	1.00 GPa	145 ksi	1 mm/min; ISO 527-1,-2
Charpy Impact, Notched	0.650 J/cm ²	3.09 ft-lb/in ²	ISO 179/1eA
	@Temperature -30.0 Â°C	@Temperature -22.0 Â°F	
	4.00 J/cm ²	19.0 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)	83.0 Â°C	181 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.

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