

Inno-Comp INNOPOLÂ® CS 2-3120 BPLU 9H0017 20% Talc-Filled, UV Stabilized Polypropylene Block-Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% Talc Filler

Material Notes:

INNOPOLÂ® CS 2-3120 BPLU 9H0017 is a 20% talc filled, UV stabilized compound based on polypropylene block-copolymer. INNOPOLÂ® CS 2-3120 BPLU 9H0017 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-2-3120-BPLU-9H0017-20-Talc-Filled-UV-Stabilized-Polypropylene-Block-Copolymer.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/inÂ³	ISO 1183
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	
Linear Mold Shrinkage, Flow	0.010 cm/cm	0.010 in/in	ISO 294
Linear Mold Shrinkage, Transverse	0.0080 cm/cm	0.0080 in/in	ISO 294
Melt Flow	13 g/10 min	13 g/10 min	ISO 1133
	@Load 2.16 kg, Temperature 230 Â°C	@Load 4.76 lb, Temperature 446 Â°F	
Ash	20 %	20 %	ISO 3451-1/A
	@Temperature 600 Â°C	@Temperature 1110 Â°F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	28.0 MPa	4060 psi	50 mm/min; ISO 527-1,-2
Elongation at Break	15 %	15 %	ISO 527-1,-2
Elongation at Yield	3.5 %	3.5 %	50 mm/min; ISO 527-1,-2
Tensile Modulus	2.53 GPa	367 ksi	1 mm/min; ISO 527-1,-2
Flexural Modulus	2.74 GPa	397 ksi	2 mm/min; ISO 178
Charpy Impact Unnotched	2.50 J/cmÂ²	11.9 ft-lb/inÂ²	ISO 179/1eU
	@Temperature -30.0 Â°C	@Temperature -22.0 Â°F	
	6.50 J/cmÂ²	30.9 ft-lb/inÂ²	ISO 179/1eU
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	

Mechanical Properties Charpy Impact, Notched	0.150 J/cm ² Metric	0.714 ft-lb/in ² English	Comments ISO 179/1eA
	@Temperature -30.0 Â°C	@Temperature -22.0 Â°F	
	0.400 J/cm ² @Temperature 23.0 Â°C	1.90 ft-lb/in ² @Temperature 73.4 Â°F	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	165 Â°C	329 Â°F	DSC; ISO 11357-1,-3
Deflection Temperature at 0.46 MPa (66 psi)	125 Â°C	257 Â°F	ISO 75-1,-2
Deflection Temperature at 1.8 MPa (264 psi)	62.0 Â°C	144 Â°F	ISO 75-1,-2
Flammability, UL94	HB @Thickness 1.60 mm	HB @Thickness 0.0630 in	FMVSS 302

Descriptive Properties	Value	Comments
Automotive Materials	Pass	FMVSS 302
Color	Black 9H0017	

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