

Inno-Comp INNOPOLÂ® CS 3-9230 KAR BU UV-Stabilized, 26% Mineral-Filled Compound Blend Of Polypropylene Homopolymer And Block-Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Mineral Reinforced

Material Notes:

INNOPOLÂ® CS 3-9230 KAR BU is a black colored, UV-stabilized, 26% mineral-filled compound based on a blend of polypropylene homopolymer and block-copolymer. INNOPOLÂ® CS 3-9230 KAR BU is developed for producing injection molded components for household appliances. All information provided by INNO-COMP.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Inno-Comp-INNOPOL-CS-3-9230-KAR-BU-UV-Stabilized-26-Mineral-Filled-Compound-Blend-Of-Polypropylene-Homopolymer-And-Block-Copolymer.php

Physical Properties	Metric	English	Comments
Density	1.12 g/cc	0.0405 lb/in ³	ISO 1183
	@Temperature 23.0 Å°C	@Temperature 73.4 Å°F	
Melt Flow	35 g/10 min	35 g/10 min	ISO 1133
	@Load 2.16 kg, Temperature 230 Å°C	@Load 4.76 lb, Temperature 446 Å°F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	25.0 MPa	3630 psi	50 mm/min; ISO 527-1,-2
Elongation at Yield	5.0 %	5.0 %	50 mm/min; ISO 527-1,-2
Tensile Modulus	1.95 GPa	283 ksi	1 mm/min; ISO 527-1,-2
Flexural Modulus	2.00 GPa	290 ksi	2 mm/min; ISO 178
Charpy Impact Unnotched	1.30 J/cm ²	6.19 ft-lb/in ²	ISO 179/1eU
	@Temperature -20.0 Å°C	@Temperature -4.00 Å°F	
Charpy Impact, Notched	5.80 J/cm ²	27.6 ft-lb/in ²	ISO 179/1eU
	@Temperature 23.0 Å°C	@Temperature 73.4 Å°F	
Charpy Impact, Notched	0.200 J/cm ²	0.952 ft-lb/in ²	ISO 179/1eA
	@Temperature -20.0 Å°C	@Temperature -4.00 Å°F	
Charpy Impact, Notched	0.400 J/cm ²	1.90 ft-lb/in ²	ISO 179/1eA
	@Temperature 23.0 Å°C	@Temperature 73.4 Å°F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	108 Å°C	226 Å°F	ISO 75-1,-2

Descriptive Properties	Value	Comments
Color	Black	

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