

Inno-Comp INNOPOLÂ® CS 2-3110 TO BU 10% Talc Filled Polypropylene Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 10% Talc Filler

Material Notes:

INNOPOLÂ® CS 2-3110 TO BU is a 10% talc-filled, black colored and UV stabilized compound based on polypropylene block-copolymer. INNOPOLÂ® CS 2-3110 TO BU is developed for producing injection molded automotive components, where the required properties are the good stiffness and excellent impact resistance. Information provided by INNO-COMP

Order this product through the following link:

http://www.lookpolymers.com/polymer_Inno-Comp-INNOPOL-CS-2-3110-TO-BU-10-Talc-Filled-Polypropylene-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.970 g/cc	0.0350 lb/inÂ³	ISO 1183
Melt Flow	14 g/10 min @Load 2.16 kg, Temperature 230 Â°C	14 g/10 min @Load 4.76 lb, Temperature 446 Â°F	nozzle diam 2.095 mm; ISO 1133
Storage Temperature	<= 60.0 Â°C	<= 140 Â°F	

Mechanical Properties	Metric	English	Comments
Tensile Stress	22.0 MPa	3190 psi	50 mm/min; ISO 527-1,-2
Elongation at Yield	8.0 %	8.0 %	50 mm/min; ISO 527-1,-2
Tensile Modulus	1.20 GPa	174 ksi	1 mm/min; ISO 527-1,-2
Flexural Modulus	1.25 GPa	181 ksi	ISO 178
Charpy Impact, Notched	0.600 J/cmÂ² @Temperature -20.0 Â°C	2.86 ft-lb/inÂ² @Temperature -4.00 Â°F	ISO 179/1eA
	3.50 J/cmÂ² @Temperature 23.0 Â°C	16.7 ft-lb/inÂ² @Temperature 73.4 Â°F	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	98.0 Â°C	208 Â°F	ISO 75-1,-2

Processing Properties	Metric	English	Comments
Rear Barrel Temperature	190 - 250 Â°C	374 - 482 Â°F	Injection
Middle Barrel Temperature	190 - 250 Â°C	374 - 482 Â°F	Injection

Processing Properties	Metric	English	Comments
Front Barrel Temperature	190 - 250 Å°C	374 - 482 Å°F	Injection
Melt Temperature	210 - 260 Å°C	410 - 500 Å°F	Injection
Mold Temperature	10.0 - 50.0 Å°C	50.0 - 122 Å°F	
Moisture Content	<= 0.070 %	<= 0.070 %	

Descriptive Properties	Value	Comments
Resin Designation	PP/PE TD 10	ISO 1043

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