

Inno-Comp INNOPOLÂ® CS 2-7120 20% Talc Filled Polypropylene Copolymer

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

Material Notes:

INNOPOLÂ® CS 2-7120 is a 20 % talc-filled polypropylene block-copolymer compound /PP-B TD20 (ISO 1043)/. This grade is available in natural and custom colored form. INNOPOLÂ® CS 2-7120 is recommended for extrusion of sheets and profiles, where the required properties are the balanced stiffness and impact resistance. Information provided by INNO-COMP

Order this product through the following link:

http://www.lookpolymers.com/polymer_Inno-Comp-INNOPOL-CS-2-7120-20-Talc-Filled-Polypropylene-Copolymer.php

Physical Properties	Metric	English	Comments
Density	1.04 g/cc	0.0376 lb/inÂ³	ISO 1183
Melt Flow	0.80 g/10 min @Load 5.00 kg, Temperature 230 Â°C	0.80 g/10 min @Load 11.0 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	24.0 MPa	3480 psi	50 mm/min; ISO 527-1,-2
Elongation at Yield	6.0 %	6.0 %	50 mm/min; ISO 527-1,-2
Tensile Modulus	1.70 GPa	247 ksi	1 mm/min; ISO 527-1,-2
Flexural Modulus	1.80 GPa	261 ksi	ISO 178
Charpy Impact, Notched	0.400 J/cmÂ² @Temperature -20.0 Â°C	1.90 ft-lb/inÂ² @Temperature -4.00 Â°F	ISO 179/1eA
	2.00 J/cmÂ² @Temperature 23.0 Â°C	9.52 ft-lb/inÂ² @Temperature 73.4 Â°F	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	102 Â°C	216 Â°F	ISO 75-1,-2

Processing Properties	Metric	English	Comments
Rear Barrel Temperature	180 - 220 Â°C	356 - 428 Â°F	Extrusion
Middle Barrel Temperature	180 - 220 Â°C	356 - 428 Â°F	Extrusion

Front Barrel Temperature Processing Properties	180 - 220 Å°C Metric	356 - 428 Å°F English	Extrusion Comments
Die Temperature	190 - 220 Å°C	374 - 428 Å°F	Extrusion
Melt Temperature	200 - 230 Å°C	392 - 446 Å°F	Extrusion
Moisture Content	<= 0.070 %	<= 0.070 %	

Descriptive Properties	Value	Comments
Resin Designation	PP-B TD20	ISO 1043

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