

INNOPOL® PP CS 2-7120

Polypropylene Copolymer

Inno-Comp Ltd.

Message:

INNOPOL® CS 2-7120 is a 20 % talc-filled polypropylene block copolymer compound / PP-B TD20 (ISO 1043)/. This grade is available in nature and custom coloured form.

General Information			
Filler / Reinforcement	Talc,20% Filler by Weight		
Features	Block Copolymer		
	Good Impact Resistance		
	Good Stiffness		
Uses	Profiles		
	Sheet		
Appearance	Colors Available		
	Natural Color		
Processing Method	Profile Extrusion		
	Sheet Extrusion		
Resin ID (ISO 1043)	PP-B TD20		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.04	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/5.0 kg)	0.80	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1700	MPa	ISO 527-2/1
Tensile Stress (Yield)	24.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	6.0	%	ISO 527-2/50
Flexural Modulus ¹	1800	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	4.0	kJ/m ²	
23°C	20	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	102	°C	ISO 75-2/B
Extrusion	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0	hr	

Suggested Max Moisture	0.070	%
Cylinder Zone 1 Temp.	180 to 220	°C
Cylinder Zone 2 Temp.	180 to 220	°C
Cylinder Zone 3 Temp.	180 to 220	°C
Cylinder Zone 4 Temp.	180 to 220	°C
Cylinder Zone 5 Temp.	180 to 220	°C
Melt Temperature	200 to 230	°C
Die Temperature	190 to 220	°C

NOTE

1. 2.0 mm/min

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