

INNOPOL® PP CS 2-3130

Polypropylene Copolymer

Inno-Comp Ltd.

Message:

INNOPOL® CS 2-3130 is a 30 % talc-filled polypropylene block-copolymer compound / PP-B TD30 (ISO 1043)/. This grade is available in nature and custom coloured form.

General Information			
Filler / Reinforcement	Talc filler, 30% filler by weight		
Features	Block Copolymer		
	Rigidity, high		
	High strength		
	Low temperature resistance		
	Low shrinkage		
Appearance	Available colors		
	Natural color		
Processing Method	Injection molding		
Resin ID (ISO 1043)	PP-B TD30		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.13	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2900	MPa	ISO 527-2/1
Tensile Stress (Yield)	26.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	2.7	%	ISO 527-2/50
Flexural Modulus ¹	3000	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	2.4	kJ/m ²	ISO 179/1eA
23°C	4.0	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	129	°C	ISO 75-2/B
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0	hr	
Rear Temperature	210 - 230	°C	
Middle Temperature	210 - 230	°C	

Front Temperature	210 - 230	°C
Processing (Melt) Temp	230 - 240	°C
Mold Temperature	15.0 - 50.0	°C
Injection Rate	Moderate	

Injection instructions

Hold Pressure: 50 to 100% of injection pressure

NOTE

1.
- 2.0 mm/min

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