

INNOPOL® PP CS 2-3840 MO

Polypropylene Copolymer

Inno-Comp Ltd.

Message:

INNOPOL® CS 2-3840 MO is a 40 % glass-fibre-filled polypropylene block-copolymer compound. This grade is available in nature and custom coloured form.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 40% filler by weight		
Features	Block Copolymer		
	Rigid, good		
	Impact resistance, good		
Appearance	Available colors		
	Natural color		
Processing Method	Injection molding		
Resin ID (ISO 1043)	PP-B GF40		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	1.20	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	7500	MPa	ISO 527-2/2
Tensile Stress (Yield)	90.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	2.5	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	12	kJ/m ²	ISO 179/1eA
23°C	14	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	157	°C	ISO 75-2/B
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0	hr	
Suggested Max Moisture	0.070	%	
Rear Temperature	190 - 240	°C	
Middle Temperature	190 - 240	°C	
Front Temperature	190 - 240	°C	
Processing (Melt) Temp	210 - 250	°C	

Mold Temperature	10.0 - 50.0	°C
Injection Rate	Moderate	
Injection instructions		

Hold Pressure: 50 to 100% of injection pressure

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Recommended distributors for this material

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