

INNOPOL® PP CS 2-9000 OL

Polypropylene Copolymer

Inno-Comp Ltd.

Message:

INNOPOL® CS 2-9000 OL is a high melt flow nucleated, UV-stabilized polypropylene copolymer compound. This grade is available in black and custom colour form.

Recommended application

INNOPOL® CS 2-9000 OL is developed for producing injection moulded automotive components especially for interior applications.

General Information			
Additive	Nucleating agent		
	UV stabilizer		
Features	Nucleated		
	Copolymer		
	Good UV resistance		
	High liquidity		
Uses	Car interior parts		
Appearance	Black		
	Available colors		
Forms	Particle		
Processing Method	Injection molding		
Resin ID (ISO 1043)	PP/PE		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.920	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	30	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1350	MPa	ISO 527-2/1
Tensile Stress (Yield)	28.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	5.0	%	ISO 527-2/50
Flexural Modulus ¹	1400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	4.0	kJ/m ²	ISO 179/1eA
23°C	6.0	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	105	°C	ISO 75-2/B
Flammability	Nominal Value		Test Method

Flame Rating (1.60 mm)	HB	FMVSS 302
flammability-Automotive materials (thickness d > 1 mm)	+	FMVSS 302
Injection	Nominal Value	Unit
Drying Temperature	80.0	°C
Drying Time	2.0	hr
Suggested Max Moisture	0.050	%
Rear Temperature	190 - 230	°C
Middle Temperature	190 - 230	°C
Front Temperature	190 - 230	°C
Processing (Melt) Temp	210 - 240	°C
Mold Temperature	10.0 - 50.0	°C
Injection Rate	Moderate	
Injection instructions		
Hold pressure: 50 to 100 % of actual injection pressure		
NOTE		
1.	2.0 mm/min	

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Recommended distributors for this material

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