

INNOPOL® PP CS 1-6000 TF

Polypropylene Homopolymer

Inno-Comp Ltd.

Message:

INNOPOL® CS 1-6000 TF is a polypropylene homopolymer compound. This grade is available in nature and custom colour form.

Recommended application

INNOPOL® CS 1-6000 TF is recommended for extrusion of sheets for thermoforming.

General Information			
Features	Homopolymer		
Uses	Thermoforming Applications		
Appearance	Colors Available		
	Natural Color		
Processing Method	Extrusion		
Resin ID (ISO 1043)	PP-H		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.910	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1600	MPa	ISO 527-2/2
Tensile Stress (Yield)	35.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	10	%	ISO 527-2/50
Flexural Modulus ¹	1700	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-20°C	2.0	kJ/m ²	
23°C	6.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	105	°C	ISO 75-2/B
Extrusion	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0	hr	
Suggested Max Moisture	0.070	%	
NOTE			
1.	2.0 mm/min		

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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