

Tecolen® CP30 GR20 NL

Polypropylene Copolymer
Eurotec Engineering Plastics

Message:
PPCP, 20% glass fiber reinforced, natural, high flow grade

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Features	Copolymer		
	High Flow		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Appearance	Natural Color		
Processing Method	Injection Molding		
Resin ID (ISO 1043)	PP GF20		
Physical	Nominal Value	Unit	Test Method
Density	1.03	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	4250	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	70.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	5.0	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-30°C	10	kJ/m ²	
23°C	20	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	120	°C	ISO 75-2/A
Melting Temperature ¹	160 to 165	°C	ISO 11357-3
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+15	ohms	IEC 60093
Volume Resistivity	1.0E+15	ohms · cm	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.750 mm	HB		
1.60 mm	HB		
Injection	Nominal Value	Unit	
Hopper Temperature	< 60.0	°C	
Processing (Melt) Temp	200 to 240	°C	

Mold Temperature	20.0 to 50.0	°C
Injection Rate	Slow-Moderate	
Holding Pressure	40.0 to 80.0	MPa
Back Pressure	Low	

NOTE

1.
- 10 K/min

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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



WECHAT