

Celstran® PP-GF50-10

Polypropylene

Celanese Corporation

Message:

50% long fiber glass reinforced, enhanced flow, UV stabilized, Polypropylene

General Information			
Filler / Reinforcement	Long glass fiber, 50% filler by weight		
Additive	UV stabilizer		
Features	Good liquidity		
RoHS Compliance	Contact manufacturer		
Physical	Nominal Value	Unit	Test Method
Density	1.33	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	11000	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	107	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	1.7	%	ISO 527-2/1A/5
Flexural Modulus (23°C)	11000	MPa	ISO 178
Flexural Stress (23°C)	181	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	17	kJ/m ²	ISO 179/1eA
Injection	Nominal Value	Unit	
Drying Temperature	90.0 - 100	°C	
Drying Time	2.0	hr	
Suggested Max Moisture	0.20	%	
Rear Temperature	205 - 210	°C	
Middle Temperature	210 - 215	°C	
Front Temperature	220 - 230	°C	
Nozzle Temperature	225 - 230	°C	
Processing (Melt) Temp	220 - 240	°C	
Mold Temperature	40.0 - 70.0	°C	
Injection instructions			

Zone 4 Temperature: 225 to 230°C Feed Temperature: 20 to 50°C

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

