

Celstran® PBT-GF30-08

Polybutylene Terephthalate

Celanese Corporation

Message:

30% Long Glass Fiber Reinforced PBT

General Information			
Filler / Reinforcement	Long glass fiber, 30% filler by weight		
RoHS Compliance	Contact manufacturer		
Physical	Nominal Value	Unit	Test Method
Density	1.54	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	11100	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	168	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	2.1	%	ISO 527-2/1A/5
Flexural Modulus (23°C)	9620	MPa	ISO 178
Flexural Stress (23°C)	246	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	25	kJ/m ²	ISO 179/1eA
Injection	Nominal Value	Unit	
Processing (Melt) Temp	280 - 300	°C	
Mold Temperature	80.0 - 90.0	°C	
Injection instructions			

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

