

Celstran® PBT-GF50-08

Polybutylene Terephthalate

Celanese Corporation

Message:

50% Long Glass Fiber Reinforced PBT

General Information			
Filler / Reinforcement	Long glass fiber, 50% filler by weight		
RoHS Compliance	Contact manufacturer		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	16600	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	178	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	1.5	%	ISO 527-2/1A/5
Flexural Modulus (23°C)	15900	MPa	ISO 178
Flexural Stress (23°C)	285	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	32	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			

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Recommended distributors for this material

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