



Celstran® PBT-GF50-08

Celanese Corporation - Polybutylene Terephthalate

Monday, November 4, 2019

General Information

Product Description

50% Long Glass Fiber Reinforced PBT

General

Material Status	• Commercial: Active
Availability	• Asia Pacific • Europe • North America
Filler / Reinforcement	• Long Glass Fiber, 50% Filler by Weight
RoHS Compliance	• Contact Manufacturer

ASTM & ISO Properties ¹

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2.41E+6	psi	ISO 527-2/1A
Tensile Stress (Break)	25800	psi	ISO 527-2/1A/5
Tensile Strain (Break)	1.5	%	ISO 527-2/1A/5
Flexural Modulus (73°F)	2.31E+6	psi	ISO 178
Flexural Stress (73°F)	41300	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	15	ft·lb/in ²	ISO 179/1eA

Processing Information

Injection Notes

Feeding zone temperature: 20 to 50°C

Notes

¹ Typical properties: these are not to be construed as specifications.