



Fortron® 1132L4

Celanese Corporation - Polyphenylene Sulfide

Tuesday, November 5, 2019

General Information

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.58	g/cm ³	ISO 1183
Water Absorption (Saturation, 73°F)	0.020	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	25400	psi	ISO 527-2/1A/50
Tensile Strain (Break)	2.0	%	ISO 527-2/1A/50
Flexural Modulus (73°F)	1.74E+6	psi	ISO 178
Flexural Stress (73°F)	37700	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (73°F)	4.4	ft-lb/in ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (264 psi, Unannealed)	500	°F	ISO 75-2/A
Melting Temperature ²	536	°F	ISO 11357-3

Notes

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

² 10°C/min