

Fortron® 1132L4

Polyphenylene Sulfide

Celanese Corporation

Message:

Fortron® 1132L4 is a polyphenylene sulfide (PPS) product, which contains a glass fiber reinforced material. It is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific.

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Physical	Nominal Value	Unit	Test Method
Density	1.58	g/cm ³	ISO 1183
Water Absorption (Saturation, 23°C)	0.020	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	175	MPa	ISO 527-2/1A/50
Tensile Strain (Break)	2.0	%	ISO 527-2/1A/50
Flexural Modulus (23°C)	12000	MPa	ISO 178
Flexural Stress (23°C)	260	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	9.3	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	260	°C	ISO 75-2/A
Melting Temperature ¹	280	°C	ISO 11357-3
NOTE			

1. 10°C/min

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Recommended distributors for this material

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