

FORTRON® 1132L4 - PPS

Description

30% glass filled

Physical properties	Value	Unit	Test Standard
Density	98.6	lb/ft ³	ISO 1183
Water absorption, 23°C-sat	0.02	%	Sim. to ISO 62

Mechanical properties	Value	Unit	Test Standard
Tensile stress at break, 50mm/min	25400	psi	ISO 527-1, -2
Tensile strain at break, 50mm/min	2	%	ISO 527-1, -2
Flexural modulus, 23°C	1.74E6	psi	ISO 178
Flexural strength, 23°C	37700	psi	ISO 178
Izod impact notched, 23°C	4.42	ft-lb/in ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
Melting temperature, 10°C/min	536	°F	ISO 11357-1/-3
DTUL at 1.8 MPa	500	°F	ISO 75-1, -2

Characteristics

Special Characteristics	Flame retardant
Product Categories	Glass reinforced
Processing	Injection molding

