

Fitex PPS 1340L

Polyphenylene Sulfide
Kotec Corporation

Message:

Fitex PPS 1340L is a Polyphenylene Sulfide (PPS) product filled with 40% glass fiber. It is available in Europe or North America. Primary characteristic: flame rated.

General Information			
UL YellowCard	E146413-100122465		
Filler / Reinforcement	Glass Fiber,40% Filler by Weight		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.66	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.30	%	
Across Flow	0.80	%	
Water Absorption (23°C, 24 hr)	0.020	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	123		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	160	MPa	ASTM D638
Tensile Elongation (Break)	1.9	%	ASTM D638
Flexural Modulus	13200	MPa	ASTM D790
Flexural Strength	230	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	100	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	> 260	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+16	ohms · cm	ASTM D257
Dielectric Strength (3.20 mm)	16	kV/mm	ASTM D149
Dielectric Constant (1 MHz)	4.00		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.750 mm)	V-0		UL 94

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