

VAMPLUB PPS NEAT RESIN

Polyphenylene Sulfide

Vamp Tech

Message:

VAMPLUB PPS NEAT RESIN is a Polyphenylene Sulfide (PPS) product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Primary characteristic: flame rated.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.50 to 0.90	%	
Across Flow	0.80 to 1.2	%	
Water Absorption (Saturation)	0.050	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3700	MPa	ASTM D638
Tensile Strength (Yield)	70.0	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Coefficient of Friction			ASTM D1894
Dynamic	0.24		
Static	0.30		
Wear Factor ¹	540	10 ⁻¹⁰ m ³ h/N·m·h	
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	2.0	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	13	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	110	°C	ASTM D648A
Vicat Softening Temperature	255	°C	ASTM D1525 ²
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.60 mm	V-0		
3.20 mm	V-0		
NOTE			
1.	Thrust Washer		
2.	Loading 2 (50 N)		

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