

VAMPLUB PC NEAT RESIN

Polycarbonate

Vamp Tech

Message:

VAMPLUB PC NEAT RESIN is a Polycarbonate (PC) 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	1.20	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.50 to 0.70	%	
Across Flow	0.50 to 0.70	%	
Water Absorption (Saturation)	0.25	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2500	MPa	ASTM D638
Tensile Strength (Yield)	65.0	MPa	ASTM D638
Tensile Elongation (Break)	> 90	%	ASTM D638
Coefficient of Friction			ASTM D1894
Dynamic	0.31		
Static	0.38		
Wear Factor ¹	2500	10 ⁻¹⁰ m ³ h/N·m·h	
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	60	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	No Break		ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	130	°C	ASTM D648A
Vicat Softening Temperature	135	°C	ASTM D1525 ²
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.60 mm	V-2		
3.20 mm	V-2		
NOTE			
1.	Thrust Washer		
2.	Loading 2 (50 N)		

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