

VAMPAMID HT3 3028 V0

Polyamide
Vamp Tech

Message:

PA 10 T 30% glass fiber reinforced, halogen free, low water absorption, good mechanicals properties, good electrical features, high chemical resistance and excellent operating temperature, UL 94 V0 at 0.8 mm, GWFI 960/1-2 GWIT 775/1-2.

General Information			
Features	Good Chemical Resistance		
	Good Electrical Properties		
	Low to No Water Absorption		
Uses	Electrical/Electronic Applications		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.42	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	12000	MPa	ASTM D638
Tensile Strength (Yield)	130	MPa	ASTM D638
Tensile Elongation (Break)	1.8	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	10	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	45	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	260	°C	ASTM D648A
RTI Elec	150	°C	UL 746
RTI Imp	150	°C	UL 746
RTI Str	150	°C	UL 746
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.800 mm	V-0		
1.60 mm	V-0		
3.20 mm	V-0		
Glow Wire Flammability Index (1.00 to 2.00 mm)	960	°C	IEC 60695-2-12
Glow Wire Ignition Temperature (1.00 to 2.00 mm)	775	°C	IEC 60695-2-13
Injection	Nominal Value	Unit	
Drying Temperature	90.0	°C	

Drying Time	3.0	hr
Processing (Melt) Temp	300	°C
Mold Temperature	110	°C

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Recommended distributors for this material

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