

VAMPAMID 66 1026 V0

Polyamide 66

Vamp Tech

Message:

UL 94 V0 at 0,8 mm, 10% glass fiber reinforced, good mechanical properties, CTI 400 V.

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.41	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.80	%	
Across Flow	1.0	%	
Water Absorption (Saturation)	0.90	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5000	MPa	ASTM D638
Tensile Strength (Yield)	85.0	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	7.0	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	40	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	220	°C	ASTM D1525 ¹
RTI Elec	140	°C	UL 746
RTI Imp	140	°C	UL 746
RTI Str	140	°C	UL 746
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.800 mm	V-0		
	V-0		
1.60 mm	5VA		
	V-0		
3.20 mm	5VA		
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	270	°C	
Mold Temperature	90.0	°C	
NOTE			
1.	Loading 2 (50 N)		

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