VAMPAMID 66 2526 V0

Polyamide 66 Vamp Tech

Technical Data

General			
Material Status	Commercial: Active		
Search for UL Yellow Card	Vamp TechVAMPAMID		
Availability	 Africa & Middle East Asia Pacific	EuropeLatin America	North America
Filler / Reinforcement	 Glass Fiber, 25% Filler by 	/ Weight	
Features	 Flame Retardant 	 Halogenated 	
Processing Method	 Injection Molding 		
Physical		Nominal Value Unit	Test Method
Density		1.54 g/cm ³	ISO 1183
Molding Shrinkage			ASTM D955
Flow		0.50 %	
Across Flow		0.00%	

Flow	0.50 %	
Across Flow	0.90 %	
Water Absorption (24 hr, 23°C)	0.70 %	ASTM D570
Mechanical	Nominal Value Unit	Test Method
Tensile Modulus	9000 MPa	ISO 527-1
Tensile Stress (Break)	120 MPa	ISO 527-2
Tensile Strain (Break)	2.2 %	ISO 527-2
Impact	Nominal Value Unit	Test Method
Notched Izod Impact Strength	8.5 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		ASTM D648
1.8 MPa, Unannealed	230 °C	
Vicat Softening Temperature	225 °C	ASTM D1525 ²
RTI Elec	140 °C	UL 746B
RTI Imp	120 °C	UL 746B
RTI Str	130 °C	UL 746B
Electrical	Nominal Value Unit	Test Method
Comparative Tracking Index	400 V	IEC 60112
Flammability	Nominal Value Unit	Test Method
Flame Rating		UL 94
0.40 mm	V-0	
0.8 mm	V-0	
1.6 mm	• V-0	
	• 5VA	
3.2 mm	• V-0	
	• 5VA	
Glow Wire Flammability Index (1.0 to 2.0 mm)	960 °C	IEC 60695-2-12
Glow Wire Ignition Temperature		IEC 60695-2-13
1.0 to 2.0 mm	775 °C	

Injection	Nominal Value Unit
Drying Temperature	90 °C
Drying Time	3.0 hr
Processing (Melt) Temp	275 °C
Mold Temperature	100 °C

1 of 3

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Notes

¹ Typical properties: these are not to be construed as specifications.

² Loading 2 (50 N)

2 of 3

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Vamp Tech

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Where to Buy

Supplier

Vamp Tech Busnago, Busnago Italy Telephone: +39-39-695-7821 Web: http://www.vamptech.com/

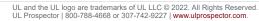
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