

VAMPAMID 66 0023 V0 H GW

Polyamide 66

Vamp Tech

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Technical Data

Product Description

UL 94 V0 at 0,8 mm, PBDE & PBDF free, good electrical features, hinge effect, GWFI 960/1-2, GWIT 775/1-2.

General

Material Status	• Commercial: Active
Literature ¹	• Technical Datasheet (English) • Technical Datasheet (German) • Technical Datasheet (Italian)
Search for UL Yellow Card	• Vamp Tech • VAMPAMID
Availability	• Africa & Middle East • Asia Pacific • Europe • Latin America • North America
Features	• Flame Retardant • Good Electrical Properties • Semi Crystalline
Uses	• Electrical/Electronic Applications
Processing Method	• Injection Molding

Physical	Nominal Value Unit	Test Method
Density / Specific Gravity	1.36 g/cm ³	ASTM D792
Molding Shrinkage		ASTM D955
Flow	1.6 %	
Across Flow	1.6 %	
Water Absorption (Saturation)	1.0 %	ASTM D570
Mechanical	Nominal Value Unit	Test Method
Tensile Modulus	2700 MPa	ASTM D638
Tensile Strength (Yield)	50.0 MPa	ASTM D638
Tensile Elongation (Break)	15 %	ASTM D638
Impact	Nominal Value Unit	Test Method
Notched Izod Impact Strength	6.0 kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	60 kJ/m ²	ISO 180
Thermal	Nominal Value Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed	80.0 °C	ASTM D648A
Vicat Softening Temperature	200 °C	ASTM D1525 ³
RTI Elec	140 °C	UL 746
RTI Imp	140 °C	UL 746
RTI Str	140 °C	UL 746
Electrical	Nominal Value Unit	Test Method
Comparative Tracking Index	325 V	IEC 60112
Flammability	Nominal Value Unit	Test Method
Flame Rating		UL 94
0.8 mm	V-0	
1.6 mm	V-0	
3.2 mm	V-0	
Glow Wire Flammability Index (1.0 to 2.0 mm)	960 °C	IEC 60695-2-12
Glow Wire Ignition Temperature 1.0 to 2.0 mm	775 °C	IEC 60695-2-13
Injection	Nominal Value Unit	Test Method
Drying Temperature	80 °C	
Drying Time	3.0 hr	
Processing (Melt) Temp	270 °C	
Mold Temperature	80 °C	



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Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.

³ Loading 2 (50 N)



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Where to Buy

Supplier

Vamp Tech

Busnago, Italy

Telephone: +39-39-695-7821

Web: <http://www.vamptech.com/>

Distributor

ALBIS Plastic

ALBIS Plastic is a global distribution and compounding company. Contact ALBIS Plastic for availability of individual products per country.

Telephone: +49-40-78105-0

Web: <http://www.albis.com/>

Availability: Algeria, Austria, Belgium, Czech Republic, France, Germany, Hungary, Luxembourg, Morocco, Netherlands, Poland, Russian Federation, Tunisia

