

VAMPAMID 6 2028 V2 MF

Polyamide 6

Vamp Tech

PROSPECTOR®

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Technical Data

Product Description

UL 94 V2, 20 % glass fiber reinforced, halogen and red phosphorus free, very good dimensional stability, GWFI 960/1-2.

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
Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
Features	• Flame Retardant • Good Dimensional Stability • Halogen Free • Low (to None) Phosphorus Content • Semi Crystalline
Processing Method	• Injection Molding

Physical	Nominal Value Unit	Test Method
Density / Specific Gravity	1.34 g/cm ³	ASTM D792
Molding Shrinkage		ASTM D955
Flow	1.1 %	
Across Flow	0.90 %	
Water Absorption (Saturation)	1.3 %	ASTM D570

Mechanical	Nominal Value Unit	Test Method
Tensile Modulus	5000 MPa	ASTM D638
Tensile Strength (Yield)	70.0 MPa	ASTM D638
Tensile Elongation (Break)	3.0 %	ASTM D638
Flexural Modulus	4500 MPa	ASTM D790
Flexural Strength	115 MPa	ASTM D790

Impact	Nominal Value Unit	Test Method
Notched Izod Impact Strength	3.0 kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	25 kJ/m ²	ISO 180

Thermal	Nominal Value Unit	Test Method
Vicat Softening Temperature	205 °C	ASTM D1525 ³
RTI Elec	120 °C	UL 746
RTI Imp	120 °C	UL 746
RTI Str	120 °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
0.8 mm	V-2	
1.6 mm	V-2	
3.2 mm	V-2	
Glow Wire Flammability Index (1.0 to 2.0 mm)	960 °C	IEC 60695-2-12

Injection	Nominal Value Unit
Drying Temperature	90 °C
Drying Time	3.0 hr
Processing (Melt) Temp	250 °C
Mold Temperature	90 °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

