

VAMPAMID 6 2026 V0 DF

Polyamide 6

Vamp Tech

PROSPECTOR®

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Technical Data

Product Description

PA 6 resin, 20% glass fiber reinforced, flame retarded with halogens for injection moulding

General

Material Status	• Commercial: Active		
UL Yellow Card ¹	• E140692-223018		
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	• Halogenated	
Processing Method	• Injection Molding		

Physical	Nominal Value Unit	Test Method
Density	1.55 g/cm ³	ISO 1183
Molding Shrinkage		ASTM D955
Flow	0.60 %	
Across Flow	0.90 %	
Water Absorption (24 hr, 23°C)	1.2 %	ASTM D570

Mechanical	Nominal Value Unit	Test Method
Tensile Modulus	8000 MPa	ISO 527-1
Tensile Stress (Break)	105 MPa	ISO 527-2
Tensile Strain (Break)	2.0 %	ISO 527-2

Impact	Nominal Value Unit	Test Method
Notched Izod Impact Strength	7.0 kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	35 kJ/m ²	ISO 180

Thermal	Nominal Value Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed	195 °C	ASTM D648
Continuous Use Temperature	120 °C	
Vicat Softening Temperature	200 °C	ASTM D1525 ³

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
Drying Temperature	90 °C
Drying Time	3.0 hr
Processing (Melt) Temp	250 °C
Mold Temperature	100 °C

Notes

¹ A UL Yellow Card contains UL-verified flammability and electrical characteristics. UL Prospector continually works to link Yellow Cards to individual plastic materials in Prospector, however this list may not include all of the appropriate links. It is important that you verify the association between these Yellow Cards and the plastic material found in Prospector. For a complete listing of Yellow Cards, visit the UL Yellow Card Search.

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, 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, Germany, Hungary, Luxembourg, Morocco, Netherlands, Poland, Tunisia

