

VAMPAMID 6 0023 V2 H GW LC

Polyamide 6

Vamp Tech

PROSPECTOR®

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Technical Data

Product Description

PA6 resin unfilled, flame retarded with halogens for injection moulding

General

Material Status	• Commercial: Active		
Search for UL Yellow Card	• Vamp Tech • VAMPAMID		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Flame Retardant • Halogenated		
Processing Method	• Injection Molding		

Physical	Nominal Value Unit	Test Method
Density	1.40 g/cm ³	ISO 1183
Molding Shrinkage		ASTM D955
Flow	1.6 %	
Across Flow	1.6 %	
Water Absorption (24 hr, 23°C)	1.5 %	ASTM D570

Mechanical	Nominal Value Unit	Test Method
Tensile Modulus	3000 MPa	ISO 527-1
Tensile Stress (Yield)	45.0 MPa	ISO 527-2
Tensile Strain (Break)	> 10 %	ISO 527-2

Impact	Nominal Value Unit	Test Method
Notched Izod Impact Strength	6.5 kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	80 kJ/m ²	ISO 180

Thermal	Nominal Value Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed	60.0 °C	ASTM D648
Continuous Use Temperature	120 °C	
Vicat Softening Temperature	180 °C	ASTM D1525 ²

Electrical	Nominal Value Unit	Test Method
Comparative Tracking Index	300 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)	850 °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	80 °C
Drying Time	3.0 hr
Processing (Melt) Temp	240 °C
Mold Temperature	80 °C

Notes

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

² 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

