

VAMPAMID 66 2526 V0

Polyamide 66

Vamp Tech

PROSPECTOR®

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Technical Data

Product Description

PA66 resin 25% glass fiber reinforced, 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
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	0.90 %	
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 1.8 MPa, Unannealed	230 °C	ASTM D648
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 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	275 °C
Mold Temperature	100 °C



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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

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

