

# VAMPAMID 66 0024 V0

Polyamide 66

Vamp Tech

PROSPECTOR®

www.ulprospector.com

## Technical Data

### Product Description

PA66 resin unfilled, flame retarded halogen free for injection moulding

### General

Material Status	• Commercial: Active		
UL Yellow Card <sup>1</sup>	• E140692-223031		
Search for UL Yellow Card	• Vamp Tech • VAMPAMID		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Flame Retardant	• Halogen Free	
Processing Method	• Injection Molding		

Physical	Nominal Value Unit	Test Method
Density	1.16 g/cm <sup>3</sup>	ISO 1183
Molding Shrinkage		ASTM D955
Flow	1.5 %	
Across Flow	1.5 %	

Mechanical	Nominal Value Unit	Test Method
Tensile Modulus	3500 MPa	ISO 527-1
Tensile Stress (Yield)	70.0 MPa	ISO 527-2
Tensile Strain (Break)	> 10 %	ISO 527-2

Impact	Nominal Value Unit	Test Method
Notched Izod Impact Strength	4.0 kJ/m <sup>2</sup>	ISO 180/A
Unnotched Izod Impact Strength	No Break	ISO 180

Thermal	Nominal Value Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed	70.0 °C	ASTM D648
Continuous Use Temperature	130 °C	
Vicat Softening Temperature	210 °C	ASTM D1525 <sup>3</sup>

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-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

Injection	Nominal Value Unit
Drying Temperature	80 °C
Drying Time	3.0 hr
Processing (Melt) Temp	270 °C
Mold Temperature	80 °C

## Notes

<sup>1</sup> 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.

<sup>2</sup> Typical properties: these are not to be construed as specifications.

<sup>3</sup> 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

