

VAMPALLOY 0024 V0 13

Polycarbonate + ABS

Vamp Tech

PROSPECTOR®

www.ulprospector.com

Technical Data

Product Description

PC/ABS blend unfilled, flame retarded bromine and chlorine free for injection moulding

General

Material Status	• Commercial: Active
UL Yellow Card ¹	• E140692-460222 • E140692-223016
Search for UL Yellow Card	• Vamp Tech
Availability	• Africa & Middle East • Asia Pacific • Europe • Latin America • North America
Features	• Bromine Free • Chlorine Free • Flame Retardant
Processing Method	• Injection Molding

Physical	Nominal Value Unit	Test Method
Density	1.19 g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (260°C/5.0 kg)	25 cm ³ /10min	ISO 1133
Molding Shrinkage		ASTM D955
Flow	0.60 %	
Across Flow	0.60 %	
Water Absorption (24 hr, 23°C)	0.15 %	ASTM D570
Mechanical	Nominal Value Unit	Test Method
Tensile Modulus	2500 MPa	ISO 527-2
Tensile Stress (Yield)	50.0 MPa	ISO 527-2
Tensile Strain (Break)	> 50 %	ISO 527-2
Impact	Nominal Value Unit	Test Method
Notched Izod Impact Strength	35 kJ/m ²	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	110 °C	ASTM D648
Continuous Use Temperature	100 °C	
Vicat Softening Temperature	130 °C	ASTM D1525 ³
Electrical	Nominal Value Unit	Test Method
Comparative Tracking Index	250 V	IEC 60112
Flammability	Nominal Value Unit	Test Method
Flame Rating		UL 94
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	280 °C	
Mold Temperature	70 °C	



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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, 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

