

# VAMPLEN A 0023 O V2

Polypropylene Homopolymer  
Vamp Tech

Message:

UL 94 V2 at 1,6 mm, homopolymer, good surface appearance, RoHS.

General Information			
UL YellowCard	E140692-223064		
Features	Good Surface Finish		
	Homopolymer		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.930	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage			ASTM D955
Flow	1.5	%	
Across Flow	1.5	%	
Water Absorption (Saturation)	0.020	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1000	MPa	ASTM D638
Tensile Strength (Yield)	25.0	MPa	ASTM D638
Tensile Elongation (Break)	> 100	%	ASTM D638
Flexural Modulus	1200	MPa	ASTM D790
Flexural Strength	40.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	4.5	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)	55.0	°C	ASTM D648A
Vicat Softening Temperature	95.0	°C	ASTM D1525 <sup>1</sup>
RTI Elec	90.0	°C	UL 746
RTI Imp	90.0	°C	UL 746
RTI Str	90.0	°C	UL 746
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.60 mm	V-2		
3.20 mm	V-2		

Injection	Nominal Value	Unit
Drying Temperature	70.0	°C
Drying Time	3.0	hr
Processing (Melt) Temp	210	°C
Mold Temperature	60.0	°C

#### NOTE

1. Loading 2 (50 N)

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#### Recommended distributors for this material

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