

VAMPLEN A 0023 C V2

Polypropylene Copolymer

Vamp Tech

Message:

UL 94 V2 at 1,6 mm, copolymer, good impact resistance and surface appearance, RoHS.

General Information			
UL YellowCard	E140692-223063		
Features	Copolymer		
	Good Impact Resistance		
	Good Surface Finish		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.930	g/cm ³	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)	20.0	MPa	ASTM D638
Tensile Elongation (Break)	> 100	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	9.0	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)	55.0	°C	ASTM D648A
Vicat Softening Temperature	80.0	°C	ASTM D1525 ¹
RTI Elec	75.0	°C	UL 746
RTI Imp	75.0	°C	UL 746
RTI Str	75.0	°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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