

VAMPLEN 0024 V0 B

Polypropylene Homopolymer
Vamp Tech

Message:
UL 94 V0 at 3,2 mm, homopolymer, halogen free, excellent electrical properties, RoHS.

General Information			
UL YellowCard	E140692-223056		
Features	Good Electrical Properties		
	Halogen Free		
	Homopolymer		
Uses	Electrical/Electronic Applications		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	1.2	%	
Across Flow	1.2	%	
Water Absorption (Saturation)	0.020	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1900	MPa	ASTM D638
Tensile Strength (Yield)	25.0	MPa	ASTM D638
Tensile Elongation (Break)	> 10	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	2.5	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	20	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	65.0	°C	ASTM D648A
Vicat Softening Temperature	100	°C	ASTM D1525 ¹
RTI Elec	100	°C	UL 746
RTI Imp	100	°C	UL 746
RTI Str	100	°C	UL 746
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (3.20 mm)	V-0		UL 94
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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