

VAMPLEN 0024 V2 EC 01

Polypropylene Copolymer

Vamp Tech

Message:

UL 94 V2, copolymer, corrugated pipes and profiles extrusion, halogen free, RoHS.

General Information			
Features	Copolymer		
	Halogen Free		
Uses	Piping		
RoHS Compliance	RoHS Compliant		
Processing Method	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.940	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	900	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	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)	50.0	°C	ASTM D648A
Vicat Softening Temperature	70.0	°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		
Glow Wire Flammability Index (1.00 to 2.00 mm)	960	°C	IEC 60695-2-12

Injection	Nominal Value	Unit
Drying Temperature	70.0	°C
Drying Time	3.0	hr
Processing (Melt) Temp	180	°C
NOTE		
1.	Loading 2 (50 N)	

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