

VAMPLLEN 3026 V0 CB DF

Polypropylene

Vamp Tech

Message:

UL 94 V0 at 0,8 mm, 30% glass fiber reinforced, chemically bonded, RoHS.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	Chemically Coupled		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.45	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.30	%	
Across Flow	0.70	%	
Water Absorption (Saturation)	0.020	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	8500	MPa	ASTM D638
Tensile Strength (Yield)	50.0	MPa	ASTM D638
Tensile Elongation (Break)	1.5	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	6.5	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)	140	°C	ASTM D648A
Vicat Softening Temperature	120	°C	ASTM D1525 ¹
RTI Elec	120	°C	UL 746
RTI Imp	120	°C	UL 746
RTI Str	120	°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
0.800 mm	V-0		
1.60 mm	V-0		
3.20 mm	V-0		
Glow Wire Flammability Index (1.00 to 2.00 mm)	850	°C	IEC 60695-2-12
Injection	Nominal Value	Unit	Test Method
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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