

VAMPSTAT N 10G 09 V0 26 MF

Polyamide 6

Vamp Tech

Message:

PA 6 10% glass fiber reinforced, UL 94 V0 at 1,6 mm, with red phosphorus, surface resistivity 109 ohm.

General Information			
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Features	Low (to None) Phosphorus Content		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.42	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.50	%	
Across Flow	0.40	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1600	MPa	ASTM D638
Tensile Strength (Yield)	35.0	MPa	ASTM D638
Tensile Elongation (Break)	> 20	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	6.0	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	35	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	60.0	°C	ASTM D648A
Vicat Softening Temperature	140	°C	ASTM D1525 ¹
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+9	ohms	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.60 mm	V-0		
3.20 mm	V-0		
Injection	Nominal Value	Unit	
Drying Temperature	70.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	240	°C	
Mold Temperature	80.0	°C	
NOTE			
1.	Loading 2 (50 N)		

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