

VAMPSTAT Y 35GC 03 V0 28

Polyamide 66

Vamp Tech

Message:

PA 66 35% mixed carbon and glass fiber, UL 94 V0 at 1,6 mm, halogen free, surface resistivity 10^3 ohm.

General Information			
Filler / Reinforcement	Glass\Carbon Fiber,35% Filler by Weight		
Features	Halogen Free		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.45	g/cm³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.40	%	
Across Flow	0.70	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	17000	MPa	ASTM D638
Tensile Strength (Yield)	130	MPa	ASTM D638
Tensile Elongation (Break)	1.3	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	6.0	kJ/m²	ISO 180/A
Unnotched Izod Impact Strength	35	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	240	°C	ASTM D648A
RTI Elec	140	°C	UL 746
RTI Imp	140	°C	UL 746
RTI Str	140	°C	UL 746
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+3	ohms	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.60 mm	V-0		
3.20 mm	V-0		
Glow Wire Flammability Index (1.00 to 2.00 mm)	960	°C	IEC 60695-2-12
Injection	Nominal Value	Unit	
Drying Temperature	90.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	275	°C	
Mold Temperature	90.0	°C	

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