

VAMPSTAT Y 35GC 04 V0 30

Polyamide 66

Vamp Tech

Message:

PA 66 35% mixed carbon and glass fiber, with red phosphorus, surface resistivity 10^4 ohm.

General Information			
Filler / Reinforcement	Glass\Carbon Fiber,35% Filler by Weight		
Features	Low (to None) Phosphorus Content		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.41	g/cm³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.50	%	
Across Flow	0.80	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	16000	MPa	ASTM D638
Tensile Strength (Yield)	155	MPa	ASTM D638
Tensile Elongation (Break)	1.8	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	7.5	kJ/m²	ISO 180/A
Unnotched Izod Impact Strength	45	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	235	°C	ASTM D648A
Vicat Softening Temperature	230	°C	ASTM D1525 ¹
RTI Elec	110	°C	UL 746
RTI Imp	110	°C	UL 746
RTI Str	110	°C	UL 746
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+4	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	100	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	275	°C	
Mold Temperature	90.0	°C	
NOTE			

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