

VAMPSTAT F 60GC 06 V0 28

Polyphenylene Sulfide

Vamp Tech

Message:

PPS 60% mixed carbon and glass fiber, UL 94 V0 at 1,6 mm, halogen free, surface resistivity 106 ohm.

General Information			
Filler / Reinforcement	Glass\Carbon Fiber,60% Filler by Weight		
Features	Halogen Free		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.72	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.20	%	
Across Flow	0.60	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	24000	MPa	ASTM D638
Tensile Strength (Yield)	130	MPa	ASTM D638
Tensile Elongation (Break)	1.0	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	4.0	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	15	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	250	°C	ASTM D648A
Vicat Softening Temperature	265	°C	ASTM D1525 ¹
RTI Elec	220	°C	UL 746
RTI Imp	220	°C	UL 746
RTI Str	220	°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	120	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	320	°C	
Mold Temperature	120	°C	
NOTE			

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