

VAMPSULF 3028 V0

Polysulfone
Vamp Tech

Message:
halogen free, excellent dimensional stability, excellent mechanical properties

General Information			
Features	Good Dimensional Stability		
	Halogen Free		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.45	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	9000	MPa	ASTM D638
Tensile Strength (Yield)	80.0	MPa	ASTM D638
Tensile Elongation (Break)	1.2	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	60	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)	175	°C	ASTM D648A
Vicat Softening Temperature	185	°C	ASTM D1525 ¹
RTI Elec	160	°C	UL 746
RTI Imp	160	°C	UL 746
RTI Str	160	°C	UL 746
Flammability	Nominal Value	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	330	°C	
Mold Temperature	120	°C	
NOTE			
1.	Loading 2 (50 N)		

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