VAMPAMID 6 3028 V0 GW

Polyamide 6

Vamp Tech

Message:

UL 94 V0, 30 % glass fiber, halogen and red phosphorus free, excellent mechanical properties

General Information	
Filler / Reinforcement	Glass Fiber,30% Filler by Weight
Features	Halogen Free
	Low (to None) Phosphorus Content

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.45	g/cm³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.50	%	
Across Flow	0.90	%	
Water Absorption (Saturation)	1.2	%	ASTM D570
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	11500	MPa	ASTM D638
Tensile Strength (Yield)	135	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact Strength	6.0	kJ/m²	ISO 180/A
Unnotched Izod Impact Strength	40	kJ/m²	ISO 180
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Unannealed)	207	°C	ASTM D648A
Vicat Softening Temperature	200	°C	ASTM D1525 [1]
RTI Elec	130	°C	UL 746
RTI Imp	130	°C	UL 746
RTI Str	130	°C	UL 746
Electrical	**Nominal Value**	**Unit**	**Test Method**
Comparative Tracking Index	600	V	IEC 60112
Flammability	**Nominal Value**	**Unit**	**Test Method**
Flame Rating			UL 94
0.800 mm	V-0		
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

Glow Wire Ignition Temperature (1.00 to 2.00 mm)	775	°C	IEC 60695-2-13

Injection	Nominal Value	Unit
Drying Temperature	90.0	°C
Drying Time	3.0	hr
Processing (Melt) Temp	250	°C
Mold Temperature	100	°C

NOTE	
1.	Loading 2 (50 N)

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

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