

VAMPTER C 3528 V0

Polycarbonate + PBT

Vamp Tech

Message:

UL 94 V0, blend PC/PBT 35% glass fiber reinforced, halogen free, good dimensional stability, good mechanical properties, very low toxicity and smoke

General Information			
Filler / Reinforcement	Glass Fiber,35% Filler by Weight		
Features	Good Dimensional Stability		
	Halogen Free		
	Low Smoke Emission		
	Low Toxicity		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.54	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	7000	MPa	ASTM D790
Flexural Strength	120	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	10	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	40	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	165	°C	ASTM D648A
Vicat Softening Temperature	150	°C	ASTM D1525 ¹
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	90.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	260	°C	
Mold Temperature	70.0	°C	
NOTE			
1.	Loading 2 (50 N)		

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