

VAMPTER C 0023 V0

Polycarbonate + PBT

Vamp Tech

Message:

UL 94 V0, blend PC/PBT unfilled, PBDE - PBDF free, good dimensional stability, excellent mechanical properties, good UV stability, good Chemical Resistance

General Information			
Features	Good Chemical Resistance		
	Good Dimensional Stability		
	Good UV Resistance		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1800	MPa	ASTM D638
Tensile Strength (Yield)	35.0	MPa	ASTM D638
Tensile Elongation (Break)	> 10	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	15	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	No Break		ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	60.0	°C	ASTM D648A
Vicat Softening Temperature	110	°C	ASTM D1525 ¹
RTI Elec	80.0	°C	UL 746
RTI Imp	80.0	°C	UL 746
RTI Str	80.0	°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	80.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	250	°C	
Mold Temperature	70.0	°C	
NOTE			
1.	Loading 2 (50 N)		

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