

VAMPSAB 0023 V0 H

Acrylonitrile Butadiene Styrene

Vamp Tech

Message:

UL 94 V0, very good impact strenght, very good fluidity, very good surface appearance, good UV resistance, PBDE - PBDF free.

General Information			
UL YellowCard	E140692-223012	E140692-474877	
Features	Good Flow		
	Good Impact Resistance		
	Good Surface Finish		
	Good UV Resistance		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17	g/cm³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.80	%	
Across Flow	0.90	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2100	MPa	ASTM D638
Tensile Strength (Yield)	30.0	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus	2200	MPa	ASTM D790
Flexural Strength	63.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	15	kJ/m²	ISO 180/A
Unnotched Izod Impact Strength	50	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	65.0	°C	ASTM D648A
Vicat Softening Temperature	80.0	°C	ASTM D1525 ¹
RTI Elec	70.0	°C	UL 746
RTI Imp	70.0	°C	UL 746
RTI Str	70.0	°C	UL 746
Flammability	Nominal Value	Test Method	
Flame Rating		UL 94	
	V-0		
1.60 mm	5VB		

V-0

3.20 mm

5VA

Injection	Nominal Value	Unit
Drying Temperature	60.0	°C
Drying Time	3.0	hr
Processing (Melt) Temp	200	°C
Mold Temperature	50.0	°C
NOTE		

1. Loading 2 (50 N)

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