

VAMPSAB 023 V0 AF

Acrylonitrile Butadiene Styrene

Vamp Tech

Message:

UL 94 V0, high fluidity, good impact strenght.

General Information			
UL YellowCard	E140692-223011		
Features	Good Flow		
	Good Impact Resistance		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.80	%	
Across Flow	0.90	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2300	MPa	ASTM D638
Tensile Strength (Yield)	40.0	MPa	ASTM D638
Tensile Elongation (Break)	> 10	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	10	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	30	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	70.0	°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
1.60 mm	V-0		
	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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