

VAMPSTYR 0023 V0

General Purpose Polystyrene

Vamp Tech

Message:

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

General Information			
UL YellowCard	E140692-223067		
Features	Good Flow		
	Good Impact Resistance		
	Good UV Resistance		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.50	%	
Across Flow	0.50	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2000	MPa	ASTM D638
Tensile Strength (Yield)	20.0	MPa	ASTM D638
Tensile Elongation (Break)	> 30	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	7.0	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	90.0	°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		
3.20 mm	V-0		
Injection	Nominal Value	Unit	
Drying Temperature	50.0	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	200	°C	
Mold Temperature	50.0	°C	

NOTE

1. Loading 2 (50 N)

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

