

VAMPCARB 0024 V0

Polycarbonate
Vamp Tech

Message:

UL 94 V0, halogen free, very good mechanical properties.

General Information			
UL YellowCard	E140692-525000	E140692-102071538	
Features	Halogen Free		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.65	%	
Across Flow	0.65	%	
Water Absorption (Saturation)	0.15	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2300	MPa	ASTM D638
Tensile Strength (Yield)	60.0	MPa	ASTM D638
Tensile Elongation (Break)	> 50	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	30	kJ/m²	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)	11.0	°C	ASTM D648A
Vicat Softening Temperature	130	°C	ASTM D1525 ¹
RTI Elec	120	°C	UL 746
RTI Imp	120	°C	UL 746
RTI Str	120	°C	UL 746
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.60 mm	V-0		
3.20 mm	V-0		
Glow Wire Flammability Index (1.00 to 2.00 mm)	850	°C	IEC 60695-2-12
Injection	Nominal Value	Unit	
Drying Temperature	90.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	280	°C	
Mold Temperature	70.0	°C	
NOTE			

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

