

Suprel® SVA 9422

Styrenic + Vinyl + Acrylonitrile

Axial Corporation

Message:

Georgia Gulf Suprel® 9422 Alloy is engineered for injection molding applications that require outstanding impact resistance or toughness, particularly at low temperatures. This alloy complies with specifications frequently referenced in the telecommunications industry.

General Information			
UL YellowCard	E53006-243290		
Features	Good Impact Resistance		
	Low Temperature Impact Resistance		
	Low Temperature Toughness		
Uses	Telecommunications		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.30 to 0.50	%	ASTM D955
Outdoor Suitability	f2		UL 746C
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1650	MPa	ASTM D638
Tensile Strength	28.3	MPa	ASTM D638
Flexural Modulus	1520	MPa	ASTM D790
Flexural Strength	46.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-40°C, 3.18 mm	270	J/m	
-29°C, 3.18 mm	570	J/m	
23°C, 3.18 mm	800	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Annealed	73.9	°C	
1.8 MPa, Annealed	70.0	°C	
Flammability	Nominal Value		Test Method
	V-0		
Flame Rating (2.03 mm)	5VA		UL 94

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

