

Suprel® SVA 9301

Rigid Polyvinyl Chloride

Axial Corporation

Message:

Georgia Gulf Suprel® SVA-9301 is a general purpose injection molding alloy with mid-range properties, providing a balance of impact strength and stiffness and featuring excellent UL flammability listings.

General Information			
UL YellowCard	E53006-243267		
Features	General Purpose		
	Good Impact Resistance		
	Good Stiffness		
Uses	General Purpose		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.30 to 0.50	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2610	MPa	ASTM D638
Tensile Strength	43.4	MPa	ASTM D638
Flexural Modulus	2280	MPa	ASTM D790
Flexural Strength	62.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-40°C, 3.18 mm	27	J/m	
23°C, 3.18 mm	460	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	80.0	°C	
0.45 MPa, Annealed	84.0	°C	
1.8 MPa, Unannealed	73.0	°C	
1.8 MPa, Annealed	80.0	°C	
Vicat Softening Temperature	95.0	°C	ASTM D1525 ¹
RTI Elec	50.0	°C	UL 746
RTI Imp	50.0	°C	UL 746
RTI Str	50.0	°C	UL 746
Flammability	Nominal Value	Test Method	
Flame Rating			UL 94
1.50 mm	V-0		

2.53 mm

5VA

NOTE

1. Rate A (50°C/h)

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