

## Axiall Suprel® SVA 9301 Rigid PVC, Molding

Category : Polymer , Thermoplastic , Vinyl (PVC)

### Material Notes:

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. Information provided by Georgia Gulf Georgia Gulf became Axiall Corporation in 2013.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Axiall-Suprel-SVA-9301-Rigid-PVC-Molding.php](http://www.lookpolymers.com/polymer_Axiall-Suprel-SVA-9301-Rigid-PVC-Molding.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.22 g/cc	1.22 g/cc	ASTM D-792
Linear Mold Shrinkage	0.0030 - 0.0050 cm/cm	0.0030 - 0.0050 in/in	ASTM D-955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	43.4 MPa	6300 psi	ASTM D-638
Tensile Modulus	2.61 GPa	379 ksi	ASTM D-638
Flexural Strength	62.7 MPa	9100 psi	ASTM D-790
Flexural Modulus	2.28 GPa	330 ksi	ASTM D-790
Izod Impact, Notched	0.267 J/cm	0.500 ft-lb/in	ASTM D-256
	@Thickness 3.17 mm, Temperature -40.0 °C	@Thickness 0.125 in, Temperature -40.0 °F	
	4.59 J/cm	8.60 ft-lb/in	ASTM D-256
	@Thickness 3.17 mm, Temperature 22.8 °C	@Thickness 0.125 in, Temperature 73.0 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	80.0 °C	176 °F	unannealed; ASTM D-648
	84.00 °C	183.2 °F	annealed; ASTM D-648
Deflection Temperature at 1.8 MPa (264 psi)	73.00 °C	163.4 °F	unannealed; ASTM D-648
	80.0 °C	176 °F	annealed; ASTM D-648
Vicat Softening Point	94.4 °C	202 °F	annealed; ASTM D-1525A
UL RTI, Electrical	50.0 °C	122 °F	UL-746B
	V-0	V-0	

Flammability UL 94 Thermal Properties	Metric @Thickness 1.50 mm	English @Thickness 0.0591 in	Comments
	5VA	5VA	
	@Thickness 2.53 mm	@Thickness 0.0996 in	

## Contact Songhan Plastic Technology Co.,Ltd.

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