

## Axiall SP-7008 Rigid PVC, Molding

Category : Polymer , Thermoplastic , Vinyl (PVC)

### Material Notes:

Georgia Gulf SP-7008 is a rigid vinyl compound formulated for electrical fittings and molded parts requiring high impact strength and toughness. 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-SP-7008-Rigid-PVC-Molding.php](http://www.lookpolymers.com/polymer_Axiall-SP-7008-Rigid-PVC-Molding.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.33 g/cc	1.33 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
Hardness, Rockwell R	105	105	ASTM D-785
Tensile Strength, Yield	41.4 MPa	6000 psi	ASTM D-638
Tensile Modulus	2.48 GPa	360 ksi	ASTM D-638
Flexural Strength	68.9 MPa	10000 psi	ASTM D-790
Flexural Modulus	2.34 GPa	340 ksi	ASTM D-790
Izod Impact, Notched	0.801 J/cm	1.50 ft-lb/in	ASTM D-256
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	2.67 J/cm	5.00 ft-lb/in	ASTM D-256
	@Temperature -20.0 °C	@Temperature -4.00 °F	
Gardner Impact	36.2 J	26.7 ft-lb	1/2" R Tup, 123 mil
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	70.0 °C	158 °F	ASTM D-648
Deflection Temperature at 1.8 MPa (264 psi)	65.0 °C	149 °F	ASTM D-648
Flammability, UL94	V-0	V-0	
Oxygen Index	36 %	36 %	ASTM D-2863

Descriptive Properties	Value	Comments
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Wall Thickness, 390-400°F)

## Contact Songhan Plastic Technology Co.,Ltd.

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