

## Axiall 9211 Rigid PVC, Molding

Category : Polymer , Thermoplastic , Vinyl (PVC)

### Material Notes:

Georgia Gulf 9211 is a food grade vinyl compound designed to maximize clarity. It is suitable for use in a variety of food, cosmetic and personal care products. 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-9211-Rigid-PVC-Molding.php](http://www.lookpolymers.com/polymer_Axiall-9211-Rigid-PVC-Molding.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.32 g/cc	1.32 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	46.9 MPa	6800 psi	ASTM D-638
Tensile Modulus	2.65 GPa	385 ksi	ASTM D-638
Flexural Strength	75.8 MPa	11000 psi	ASTM D-790
Izod Impact, Notched	1.33 J/cm	2.50 ft-lb/in	ASTM D-256
	@Thickness 6.35 mm, Temperature 23.0 °C	@Thickness 0.250 in, Temperature 73.4 °F	
Tensile Impact Strength	8.01 J/cm	15.0 ft-lb/in	ASTM D-256
	@Thickness 3.17 mm, Temperature 23.0 °C	@Thickness 0.125 in, Temperature 73.4 °F	
Tensile Impact Strength	168 kJ/m <sup>2</sup>	80.0 ft-lb/in <sup>2</sup>	ASTM D-1822

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	60.0 °C	140 °F	annealed; ASTM D-648

Optical Properties	Metric	English	Comments
Haze	4.0 %	4.0 %	pressed plaque; ASTM D-1003-61
	@Thickness 3.17 mm	@Thickness 0.125 in	
Transmission, Visible	84 %	84 %	pressed plaque; ASTM D-1003-61
	@Thickness 3.17 mm	@Thickness 0.125 in	

Descriptive Properties	Value	Comments
Equilibrium Torque, meter-grams	1400	Brabender Plastograph, No. 6 Roller Head, 190°C Bath, 57-g. Charge; 60/43 rpm

Stability Time, minutes  
Descriptive Properties

36  
Value

Comments

## Contact Songhan Plastic Technology Co.,Ltd.

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