

## Axiall 9175J Clear 38 Rigid PVC, Molding, Clear 38

Category : Polymer , Thermoplastic , Vinyl (PVC)

### Material Notes:

Georgia Gulf 9175J Clear 38 is used for injection blow molding packages in cosmetic and toiletry applications such as hair dyes and shampoos. It has excellent clarity, flow and stability. 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-9175J-Clear-38-Rigid-PVC-Molding-Clear-38.php](http://www.lookpolymers.com/polymer_Axiall-9175J-Clear-38-Rigid-PVC-Molding-Clear-38.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.33 g/cc	1.33 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	49.6 MPa	7200 psi	ASTM D-638
Tensile Modulus	2.90 GPa	420 ksi	ASTM D-638
Flexural Strength	89.6 MPa	13000 psi	ASTM D-790
Izod Impact, Notched	0.160 J/cm	0.300 ft-lb/in	ASTM D-256
	@Thickness 6.35 mm	@Thickness 0.250 in	
Tensile Impact Strength	0.267 J/cm	0.500 ft-lb/in	ASTM D-256
	@Thickness 3.17 mm	@Thickness 0.125 in	
Tensile Impact Strength	115 kJ/m <sup>2</sup>	55.0 ft-lb/in <sup>2</sup>	ASTM D-1822

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	56.00 °C	132.8 °F	ASTM D-648

Optical Properties	Metric	English	Comments
Haze	5.0 %	5.0 %	pressed plaque; ASTM D-1003-61
	@Thickness 3.17 mm	@Thickness 0.125 in	
Transmission, Visible	80 %	80 %	pressed plaque; ASTM D-1003-61
	@Thickness 3.17 mm	@Thickness 0.125 in	

Descriptive Properties	Value	Comments
Equilibrium Torque, meter-grams	900	Brabender Plastograph, No. 6 Roller Head, 190°C Bath, 57-g. Charge; 60/43 rpm
Stability Time, minutes	60	

## **Contact Songhan Plastic Technology Co.,Ltd.**

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