

Axiall 9275J Clear 40 Rigid PVC, Molding, Clear 40

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

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

Order this product through the following link:

http://www.lookpolymers.com/polymer_Axiall-9275J-Clear-40-Rigid-PVC-Molding-Clear-40.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	47.6 MPa	6900 psi	ASTM D-638
Tensile Modulus	2.76 GPa	400 ksi	ASTM D-638
Flexural Strength	89.6 MPa	13000 psi	ASTM D-790
Izod Impact, Notched	0.267 J/cm @Thickness 3.17 mm	0.500 ft-lb/in @Thickness 0.125 in	ASTM D-256
Tensile Impact Strength	126 kJ/m ²	60.0 ft-lb/in ²	ASTM D-1822

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	57.00 °C	134.6 °F	ASTM D-648

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

Descriptive Properties	Value	Comments
Equilibrium Torque, meter-grams	950	Brabender Plastograph, No. 6 Roller Head, 190°C Bath, 57-g. Charge; 60/43 rpm
Melt Flow, seconds	85	ASTM D-1238
Stability Time, minutes	55	

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