

Axiall 9246 Rigid PVC, Molding

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Georgia Gulf 9246 is a high impact compound suitable for food packaging. 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-9246-Rigid-PVC-Molding.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.30 g/cc	1.30 g/cc	ASTM D-792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	40.7 MPa	5900 psi	ASTM D-638
Tensile Modulus	2.39 GPa	346 ksi	ASTM D-638
Flexural Strength	65.5 MPa	9500 psi	ASTM D-790
Flexural Modulus	2.17 GPa	315 ksi	ASTM D-790
Izod Impact, Notched	9.08 J/cm	17.0 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	12.3 J/cm	23.0 ft-lb/in	ASTM D-256
	@Thickness 3.17 mm, Temperature 23.0 °C	@Thickness 0.125 in, Temperature 73.4 °F	
	202 kJ/m ²	96.0 ft-lb/in ²	ASTM D-1822

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	62.00 °C	143.6 °F	annealed; 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	75 %	75 %	pressed plaque; ASTM D-1003-61
	@Thickness 3.17 mm	@Thickness 0.125 in	

Descriptive Properties	Value	Comments
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Equilibrium Torque, meter-grams Descriptive Properties	1350 Value	Brahender Plastograph, No. 6 Roller Head, 190°C Bath, 57-g. Charge; 60/43 rpm Comments
Stability Time, minutes	33	

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