

Axiall 9175 Amber 12 Rigid PVC, Molding, Amber 12

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Georgia Gulf 9175 Amber 12 is used for injection blow molding packages in cosmetic and toiletry applications such as hair dyes and shampoos. It is a pre-colored amber compound. 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-9175-Amber-12-Rigid-PVC-Molding-Amber-12.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 ²	55.0 ft-lb/in ²	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

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	

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