

Axiall PVC 9175 Amber 12

Rigid Polyvinyl Chloride

Axiall Corporation

Message:

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 precolored amber compound.

General Information			
Uses	Cosmetic Packaging		
Appearance	Amber		
Forms	Particle		
Processing Method	Injection blowing molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2900	MPa	ASTM D638
Tensile Strength (Yield)	49.6	MPa	ASTM D638
Flexural Strength	89.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
3.18 mm	27	J/m	ASTM D256
6.35 mm	16	J/m	ASTM D256
Tensile Impact Strength	116	kJ/m ²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	56.0	°C	ASTM D648
Additional Information			

Equilibrium Torque, Brabender Plastograph, No. 6 Roller Head, 190°C Bath, 57 g Charge; 60/43 rpm: 900 m-gStability Time, Brabender Plastograph, No. 6 Roller Head, 190°C Bath, 57 g Charge; 60/43 rpm: 60 min

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