

Axiall PVC 9209

Rigid Polyvinyl Chloride

Axiall Corporation

Message:

Georgia Gulf 9209 is a food grade compound containing excellent optical and processing characteristics. It is suitable for use in a variety of food, cosmetic and general purpose packaging applications.

General Information			
UL YellowCard	E53006-516365		
Features	Workability, good		
Uses	Cosmetic Packaging		
	Packaging		
	Food packaging		
Forms	Particle		
Processing Method	Blow molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2690	MPa	ASTM D638
Tensile Strength (Yield)	43.4	MPa	ASTM D638
Flexural Strength	79.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
23°C, 3.18 mm	960	J/m	ASTM D256
23°C, 6.35 mm	140	J/m	ASTM D256
Tensile Impact Strength	185	kJ/m ²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	62.0	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method
Transmittance (3180 μm)	80.0	%	ASTM D1003
Haze (3180 μm)	5.0	%	ASTM D1003
Additional Information			

Equilibrium Torque, Brabender Plastograph, No. 6 Roller Head, 190°C Bath, 57 g Charge; 60/43 rpm: 1400 m-gStability Time, Brabender Plastograph, No. 6 Roller Head, 190°C Bath, 57 g Charge; 60/43 rpm: 36 min

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