

Axiall PVC 9246

Rigid Polyvinyl Chloride

Axiall Corporation

Message:

Georgia Gulf 9246 is a high impact compound suitable for food packaging.

General Information			
Features	Impact resistance, high		
Uses	Food packaging		
Forms	Particle		
Processing Method	Blow molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2390	MPa	ASTM D638
Tensile Strength (Yield)	40.7	MPa	ASTM D638
Flexural Modulus	2170	MPa	ASTM D790
Flexural Strength	65.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
23°C, 3.18 mm	1200	J/m	ASTM D256
23°C, 6.35 mm	910	J/m	ASTM D256
Tensile Impact Strength	202	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)	75.0	%	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: 1350 m-gStability Time, Brabender Plastograph, No. 6 Roller Head, 190°C Bath, 57 g Charge; 60/43 rpm: 33 min

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