

# Axiall PVC 9190

Rigid Polyvinyl Chloride

Axiall Corporation

## Message:

Georgia Gulf 9190 was developed to aid compliance with source reduction initiatives especially when low temperature impact strength is a concern. It has superior properties, which in most cases will facilitate light weighting of the package. This product is used for a variety of opaque packaging applications including toiletries, household chemicals, automotive care products and charcoal lighter fluid.

General Information			
Features	Low temperature impact resistance		
Uses	Packaging		
Forms	Particle		
Processing Method	Blow molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2990	MPa	ASTM D638
Tensile Strength (Yield)	44.0	MPa	ASTM D638
Flexural Strength	73.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C, 3.18 mm	1100	J/m	ASTM D256
0°C, 6.35 mm	680	J/m	ASTM D256
23°C, 3.18 mm	1300	J/m	ASTM D256
23°C, 6.35 mm	860	J/m	ASTM D256
Tensile Impact Strength	229	kJ/m <sup>2</sup>	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	61.2	°C	ASTM D648

## Additional Information

Equilibrium Torque, Brabender Plastograph, No. 6 Roller Head, 190°C Bath, 60 g Charge; 60/43 rpm: 1305 m-gStability Time, Brabender Plastograph, No. 6 Roller Head, 190°C Bath, 60 g Charge; 60/43 rpm: 31.5 min

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