

Axiall PVC GP-9190

Rigid Polyvinyl Chloride

Axiall Corporation

Message:

AXIALl's GP-9190 was developed for low temperature impact was an important consideration. It has superior properties, which, in most cases will facilitate in light weighting of the package. GP-9190 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		
Appearance	Opacity		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.29 - 1.33	g/cm ³	ASTM D792
PVC Cell Classification	16353		ASTM D1784
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2990	MPa	ASTM D638
Tensile Strength	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 ²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	61.2	°C	ASTM D648

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