

Westlake PVC GP-9190

Westlake Chemical Corporation - Rigid Polyvinyl Chloride

Friday, September 20, 2019

General Information

Product Description

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

Material Status	• Commercial: Active
Availability	• North America
Features	• Low Temperature Impact Resistance
Uses	• Packaging
Appearance	• Opaque

ASTM & ISO Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.29 to 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	
0°C, 6.35 mm	680	J/m	
23°C, 3.18 mm	1300	J/m	
23°C, 6.35 mm	860	J/m	
Tensile Impact Strength	229	kJ/m ²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
1.8 MPa, Unannealed	61.2	°C	

Notes

¹ Typical properties: these are not to be construed as specifications.