



Westlake PVC 6511

Westlake Chemical Corporation - Rigid Polyvinyl Chloride

Friday, September 20, 2019

General Information

Product Description

AXIALL's Georgia Gulf 6511 is a special purpose rigid PVC compound.

General

Material Status	• Commercial: Active		
Availability	• North America		
Features	• Chemical Resistant • Flame Retardant	• Good Impact Resistance • Good Toughness	• High Gloss
Uses	• Caps	• Profiles	• Sheet
Processing Method	• Extrusion	• Injection Molding	• Thermoforming

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.41	g/cm ³	ASTM D792
PVC Cell Classification	14434323		ASTM D4216
Flow Ratio ²	160		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2760	MPa	ASTM D638
Tensile Strength	48.3	MPa	ASTM D638
Flexural Modulus	2590	MPa	ASTM D790
Flexural Strength	75.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	750	J/m	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	82		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	70.6	°C	ASTM D648
CLTE - Flow	7.2E-5	cm/cm/°C	ASTM D696

Notes

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

² Distance/Wall Thickness, 390 to 400°F