

Axiall PVC 6511

Rigid Polyvinyl Chloride

Axiall Corporation

Message:

Georgia Gulf 6511 is a special purpose rigid PVC compound.

General Information			
UL YellowCard	E53006-484706		
Features	Flame Retardant		
	Good Chemical Resistance		
	Good Impact Resistance		
	Good Toughness		
	High Gloss		
Uses	Caps		
	Profiles		
	Sheet		
Processing Method	Extrusion		
	Injection Molding		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.41	g/cm ³	ASTM D792
PVC Cell Classification	14434323		ASTM D4216
Flow Ratio ¹	160		
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	82		ASTM D2240
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
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
NOTE			

1.

Distance/Wall Thickness, 390 to
400°F

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