

# Axiall PVC SP-7008

Rigid Polyvinyl Chloride

Axiall Corporation

## Message:

Georgia Gulf SP-7008 is a rigid vinyl compound formulated for electrical fittings and molded parts requiring high impact strength and toughness.

General Information			
UL YellowCard	E53006-243322	E53006-243323	
Features	Good Toughness		
	High Impact Resistance		
Uses	Electrical Parts		
	Fittings		
UL File Number	E53006		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm³	ASTM D792
Molding Shrinkage - Flow	0.30 to 0.50	%	ASTM D955
Flow Ratio (199 to 204°C)	130		Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2480	MPa	ASTM D638
Tensile Strength	41.4	MPa	ASTM D638
Flexural Modulus	2340	MPa	ASTM D790
Flexural Strength	68.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	160	J/m	
23°C	800	J/m	
Gardner Impact <sup>1</sup> (23°C)	36.2	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	70.0	°C	
1.8 MPa, Unannealed	65.0	°C	
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
Oxygen Index	36	%	ASTM D2863

## NOTE

1. Method F, Geometry FB

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### Recommended distributors for this material

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