

Axiall PVC 6512

Rigid Polyvinyl Chloride

Axiall Corporation

Message:

Georgia Gulf 6512 is an easy flow, high impact, general purpose PVC compound that is UL V-0 listed. This product is well suited for a variety of electrical applications.

General Information			
Features	General Purpose Good Electrical Properties Good Flow High Impact Resistance		
Uses	Electrical/Electronic Applications General Purpose		
UL File Number	E53006		
Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	1.38	g/cm ³	ASTM D792
Molding Shrinkage - Flow (Injection Molded)	0.30 to 0.50	%	ASTM D955
Flow Ratio ² (199 to 204°C)	200		Internal Method
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, Injection Molded)	82		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (Injection Molded)	2410	MPa	ASTM D638
Tensile Strength (Yield, Injection Molded)	40.0	MPa	ASTM D638
Impact	Nominal Value	Unit	Test Method
Drop Impact Resistance			ASTM D4226
Injection molded specimen ³	35.6	J/cm	
Injection molded specimen ⁴	89.0	J/cm	
Flammability	Nominal Value		Test Method
Flame Rating ⁵	V-0		UL 94
NOTE			
1.	Injection molded specimen		
2.	Distance/Wall Thickness, Injection molded specimen		
3.	Procedure A		
4.	Procedure B		
5.	Injection molded specimen		

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