

Axiall PVC 7048A

Rigid Polyvinyl Chloride

Axiall Corporation

Message:

Georgia Gulf 7048A is a general purpose rigid PVC profile extrusion compound.

General Information			
UL YellowCard	E53006-243326		
Features	Flame Retardant		
	Good Chemical Resistance		
	Good Color Stability		
	Good Colorability		
	Good Dimensional Stability		
	Good Impact Resistance		
	Good Toughness		
	Good UV Resistance		
Uses	Profiles		
Agency Ratings	NSF 51		
	NSF 61		
Processing Method	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm ³	ASTM D792
PVC Cell Classification	14423433		ASTM D4216
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	112		ASTM D785
Durometer Hardness (Shore D)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2860	MPa	ASTM D638
Tensile Strength	42.7	MPa	ASTM D638
Flexural Modulus	2620	MPa	ASTM D790
Flexural Strength	77.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	960	J/m	ASTM D256
Tensile Impact Strength	151	kJ/m ²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	72.2	°C	ASTM D648
CLTE - Flow	6.7E-5	cm/cm/°C	ASTM D696

Flammability	Nominal Value	Test Method
Flame Rating (0.762 mm)	V-0	UL 94

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