

# Axiall PVC 7407

Rigid Polyvinyl Chloride

Axiall Corporation

Message:

Georgia Gulf 7407 is a rigid PVC compound designed for outdoor applications.

General Information			
Uses	Outdoor Applications		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	76		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3090	MPa	ASTM D638
Tensile Strength (Yield)	40.7	MPa	ASTM D638
Flexural Modulus	2450	MPa	ASTM D790
Flexural Strength	77.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	200	J/m	ASTM D256
Tensile Impact Strength	168	kJ/m <sup>2</sup>	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	69.0	°C	ASTM D648
Injection	Nominal Value	Unit	
Processing (Melt) Temp	182	°C	

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