

# Axiall PVC 3101

Rigid Polyvinyl Chloride

Axiall Corporation

## Message:

Georgia Gulf 3101 is a powder blend designed for the extrusion of window, door and fence profiles where weatherability is of primary consideration.

General Information			
Features	Good Weather Resistance		
Uses	Outdoor Applications		
Forms	Powder		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.46	g/cm <sup>3</sup>	ASTM D792
PVC Cell Classification	1-44333-23-0000		ASTM D4216
PVC Cell Classification	13343		ASTM D1784
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	88		ASTM D785
Durometer Hardness (Shore D)	81		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2700	MPa	ASTM D638
Tensile Strength (Yield)	43.2	MPa	ASTM D638
Flexural Modulus	2960	MPa	ASTM D790
Flexural Strength	88.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	190	J/m	ASTM D256
Tensile Impact Strength	155	kJ/m <sup>2</sup>	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	66.2	°C	ASTM D648
Extrusion	Nominal Value	Unit	
Melt Temperature	193	°C	

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