

# Axiall PVC 3027

Rigid Polyvinyl Chloride

Axiall Corporation

## Message:

Georgia Gulf 3027 is a powder blend designed as a substrate base for coextruded profiles.

General Information			
Uses	Profiles		
Forms	Powder		
Processing Method	Coextrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.44	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	81		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4790	MPa	ASTM D638
Tensile Strength (Yield)	41.4	MPa	ASTM D638
Flexural Modulus	3100	MPa	ASTM D790
Flexural Strength	89.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	190	J/m	ASTM D256
Tensile Impact Strength	147	kJ/m <sup>2</sup>	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	65.6	°C	ASTM D648
Extrusion	Nominal Value	Unit	
Melt Temperature	193	°C	

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