

Axiall PVC 3152

Rigid Polyvinyl Chloride

Axiall Corporation

Message:

Georgia Gulf 3152 is a twin screw powder blend NSF Standard 14 & 16 approved for the extrusion of potable water and drain waste and vent pipe applicaiton.

General Information			
Uses	Piping		
Agency Ratings	NSF 14		
	NSF 16		
Forms	Powder		
Processing Method	Extrusion		
	Pipe Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.45	g/cm³	ASTM D792
PVC Cell Classification	12454B		ASTM D1784
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	81		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2780	MPa	ASTM D638
Tensile Strength (Yield)	49.0	MPa	ASTM D638
Flexural Modulus	2580	MPa	ASTM D790
Flexural Strength	77.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	37	J/m	ASTM D256
Tensile Impact Strength	170	kJ/m²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	70.0	°C	ASTM D648
Extrusion	Nominal Value	Unit	
Melt Temperature	199	°C	

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