

# Axial PVC 7751

Rigid Polyvinyl Chloride

Axial Corporation

## Message:

Georgia Gulf 7751 is a vertical blind profile exterior compound requiring impact strength and toughness, colorability, dimensional stability, UV color stability, and easy processing for thin parts at fast rates.

General Information			
Features	Good Color Stability		
	Good Colorability		
	Good Dimensional Stability		
	Good Impact Resistance		
	Good Processability		
	Good Toughness		
Uses	Outdoor Applications		
	Profiles		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	112		ASTM D785
Durometer Hardness (Shore D)	81		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3220	MPa	ASTM D638
Tensile Strength (Yield)	40.5	MPa	ASTM D638
Flexural Modulus	3070	MPa	ASTM D790
Flexural Strength	74.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
3.18 mm	210	J/m	
6.35 mm	140	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	69.5	°C	ASTM D648

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