

# Axiall PVC 6680 White 476

Rigid Polyvinyl Chloride

Axiall Corporation

Message:

Georgia Gulf 6680 White 476 is a weatherable, high flow injection molding compound, specially formulated for outdoor UV exposure. This compound was designed to be used in various accessory parts, such as fence post caps, rain gutter parts, etc.

General Information			
UL YellowCard	E53006-100548548		
Features	Good UV Resistance		
	Good Weather Resistance		
	High Flow		
Uses	Caps		
UL File Number	E53006		
Appearance	White		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.41	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.30 to 0.40	%	ASTM D955
Flow Ratio <sup>1</sup>	230		
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	97		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2410	MPa	ASTM D638
Tensile Strength	40.0	MPa	ASTM D638
Flexural Modulus	2140	MPa	ASTM D790
Flexural Strength	65.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	910	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	70.0	°C	ASTM D648
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
Oxygen Index	35	%	ASTM D2863
NOTE			

1.
- Distance/Wall Thickness, 390 to 400°F

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