

# Axiall PVC UV-6685

Rigid Polyvinyl Chloride

Axiall Corporation

## Message:

Georgia Gulf UV 6685 is a high flow PVC compound designed for thin wall parts and multi-cavity molds. It is ideally suited for a variety of parts requiring resistance to outdoor UV degradation.

General Information			
Features	Good UV Resistance		
	High Flow		
Uses	Thin-walled Parts		
UL File Number	E53006		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.30 to 0.50	%	ASTM D955
Flow Ratio <sup>1</sup>	240		
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	75		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2280	MPa	ASTM D638
Tensile Strength	37.9	MPa	ASTM D638
Flexural Modulus	2140	MPa	ASTM D790
Flexural Strength	53.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C, 3.18 mm	69	J/m	
23°C, 3.18 mm	450	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	68.0	°C	
1.8 MPa, Unannealed	65.0	°C	
NOTE			

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

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