

# Axiall PVC HH-6730

Polyvinyl Chloride Alloy

Axiall Corporation

## Message:

Georgia Gulf HH-6730 is a high heat/high flow injection-molding grade PVC alloy with a price/performance niche between high flow vinyl and utility engineering thermoplastics. It combines excellent flow, toughness and heat deflection/sag characteristics that are a marked improvement over standard vinyl. In addition, HH-6730 has enhanced heat and light stability, color hold and surface appearance, making it an ideal candidate for parts requiring good heat warpage resistance.

General Information			
Additive	Heat Stabilizer		
Features	Good Color Stability		
	Good Toughness		
	Heat Stabilized		
	High Flow		
	High Heat Resistance		
	Pleasing Surface Appearance		
	Warp Resistant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30	g/cm³	ASTM D792
Molding Shrinkage - Flow	0.40 to 0.60	%	ASTM D955
Flow Ratio <sup>1</sup> (199 to 204°C)	210		Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2480	MPa	ASTM D638
Tensile Strength	44.1	MPa	ASTM D638
Flexural Modulus	2340	MPa	ASTM D790
Flexural Strength	68.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C, 3.18 mm	53	J/m	
23°C, 3.18 mm	160	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	90.0	°C	
1.8 MPa, Unannealed	85.0	°C	
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	30	%	ASTM D2863

## NOTE

1. Distance/Wall Thickness

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### Recommended distributors for this material

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