

Axial PVC 6316

Rigid Polyvinyl Chloride

Axial Corporation

Message:

Georgia Gulf 6316 is an economical high flow rigid PVC fittings compound designed for drain, waste and vent application, where higher impact properties are desired. This compound is characterized by excellent processability, which includes color hold, regrind stability, and surface appearance.

General Information			
Features	Good Processability		
	Good Surface Finish		
	High Flow		
	High Impact Resistance		
Uses	Fittings		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.36	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.20 to 0.40	%	ASTM D955
Flow Ratio ¹	190		
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3100	MPa	ASTM D638
Tensile Strength	47.4	MPa	ASTM D638
Flexural Modulus	3030	MPa	ASTM D790
Flexural Strength	82.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	96	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
Oxygen Index	36	%	ASTM D2863
NOTE			

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

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