

# Axial PVC CL-6400

Rigid Polyvinyl Chloride

Axial Corporation

## Message:

Georgia Gulf cl-6400 is a high flow clear PVC compound designed for thin wall parts and multi-cavity molds. It is ideally suited for a variety of electrical and appliance applications.

General Information			
Features	High liquidity		
Uses	Thin wall parts		
	Electrical components		
	Home appliance components		
UL File Number	E53006		
Appearance	Clear/transparent		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.30 - 0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2760	MPa	ASTM D638
Tensile Strength (Yield)	44.8	MPa	ASTM D638
Flexural Modulus	2410	MPa	ASTM D790
Flexural Strength	75.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	430	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, annealed	71.0	°C	ASTM D648
1.8 MPa, annealed	69.0	°C	ASTM D648
Flammability	Nominal Value		Test Method
	V-0		
Flame Rating (Pending)	5VA	UL 94	
Additional Information			

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Recommended distributors for this material

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