



Westlake PVC CL-6400

Westlake Chemical Corporation - Rigid Polyvinyl Chloride

Friday, September 20, 2019

General Information

Product Description

AXIALL's 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

Material Status	• Commercial: Active
Availability	• North America
Features	• High Flow
Uses	• Appliance Components • Electrical Parts • Thin-walled Parts
UL File Number	• E53006
Appearance	• Clear/Transparent
Forms	• Pellets
Processing Method	• Injection Molding

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.40	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.30 to 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 (0.45 MPa, Annealed)	71.0	°C	ASTM D648
Deflection Temperature Under Load (1.8 MPa, Annealed)	69.0	°C	ASTM D648
Flammability	Nominal Value	Unit	Test Method
Flame Rating (Pending)	• V-0 • 5VA		UL 94

Additional Information

Flow Ratio (Distance/Wall Thickness), Georgia Gulf Test Method, 390 to 400°F: 230

Notes

¹ Typical properties: these are not to be construed as specifications.