

Axiall PVC 8240

Rigid Polyvinyl Chloride

Axiall Corporation

Message:

Georgia Gulf 8240 is a general purpose rigid PVC extrusion compound designed for applications requiring rigidity/stiffness, gloss, impact strength and toughness, flame retardance, chemical resistance, thermoformability, and colorability.

General Information			
UL YellowCard	E53006-243339		
Features	Flame Retardant		
	General Purpose		
	Good Chemical Resistance		
	Good Colorability		
	Good Stiffness		
	Medium Gloss		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Extrusion		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.42	g/cm ³	ASTM D792
PVC Cell Classification	15363		ASTM D1784
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	112		ASTM D785
Durometer Hardness (Shore D)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2760	MPa	ASTM D638
Tensile Strength	45.5	MPa	ASTM D638
Flexural Modulus	3340	MPa	ASTM D790
Flexural Strength	82.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	800	J/m	ASTM D256
Tensile Impact Strength	185	kJ/m ²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	68.3	°C	ASTM D648
CLTE - Flow	7.2E-5	cm/cm/°C	ASTM D696
Flammability	Nominal Value		Test Method
Flame Rating (0.762 mm)	V-0		UL 94

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