

Axiall PVC 3240

Rigid Polyvinyl Chloride

Axiall Corporation

Message:

Georgia Gulf 3240 is a special purpose rigid powder blend PVC compound.

General Information			
Features	Flame Retardant		
	Good Chemical Resistance		
	Good Impact Resistance		
	Good Toughness		
	Good Weather Resistance		
	High Gloss		
Uses	Fittings		
	Profiles		
Forms	Powder		
Processing Method	Extrusion		
	Injection Molding		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.47	g/cm ³	ASTM D792
PVC Cell Classification	14344		ASTM D1784
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	112		ASTM D785
Durometer Hardness (Shore D)	83		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2620	MPa	ASTM D638
Tensile Strength (Yield)	44.8	MPa	ASTM D638
Flexural Modulus	2760	MPa	ASTM D790
Flexural Strength	83.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	800	J/m	ASTM D256
Tensile Impact Strength	126	kJ/m ²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	72.2	°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
Flammability	SE	ASTM D635

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