

Axiall PVC 8268

Rigid Polyvinyl Chloride

Axiall Corporation

Message:

Georgia Gulf 8268 is a rigid PVC pellet compound suited for applications where transparency is important. It is widely used for clear profiles such as furniture trim, shower doors, and protected jalousie windows. High impact vacuum formed sheet applications are also filled with 8268. Twin screw machines may be used to convert Georgia Gulf 8268. 8268 is characterized by excellent physical properties and easy processing. It contains U.V. inhibitor to retard deterioration. It is available in fiberboard boxes, railroad bulk hopper cars or bulk truckloads. Technical assistance is available on request.

General Information			
Additive	UV Stabilizer		
Features	Good Processability		
	High Clarity		
Uses	Furniture		
	Profiles		
	Sheet		
Appearance	Clear/Transparent		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	g/cm ³	ASTM D792
PVC Cell Classification	14444333		ASTM D4216
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	112		ASTM D785
Durometer Hardness (Shore D)	79		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2620	MPa	ASTM D638
Tensile Strength (Yield)	44.8	MPa	ASTM D638
Flexural Modulus	2620	MPa	ASTM D790
Flexural Strength	81.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	640	J/m	ASTM D256
Tensile Impact Strength	187	kJ/m ²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	72.2	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94

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