

# Axiall PVC 8247 Clear 34

Rigid Polyvinyl Chloride

Axiall Corporation

Message:

Georgia Gulf 8247 Clear 34 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 8247 Clear 34. Twin screw machines may be used to convert Georgia Gulf 8247 Clear 34. 8247 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 truck loads. IT is available in a neutral pale green tint and is easily colored by concentrates at the machine. Technical assistance is available on request.

General Information	
UL YellowCard	E53006-243340
Additive	Impact Modifier
	UV Stabilizer
Features	Good Processability
	High Impact Resistance
	Impact Modified
Uses	Furniture
	Profiles
	Sheet
Appearance	Clear/Transparent
	Light Green
Forms	Pellets
Processing Method	Profile Extrusion
	Sheet Extrusion
	Vacuum Forming

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	g/cm <sup>3</sup>	ASTM D792
PVC Cell Classification	1-444-33-33		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 (3.18 mm)	640	J/m	ASTM D256
Tensile Impact Strength	187	kJ/m <sup>2</sup>	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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#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

