Axiall PVC 8247

Rigid Polyvinyl Chloride

Axiall Corporation

Message:

8247 is a rigid extrusion PVC compound for interior applications where transparency is critical. The 8247 compound is characterized by excellent physical properties and easy processing and also contains UV inhibitor to retard deterioration. 8247 is widely used for clear profiles such as furniture trim, shower doors and protected jalousie windows. It is available in a neutral pale green tint and is easily colored by concentrates. Twin-screw machines may be used to convert 8247.

General Information			
Features	Rigidity, high		
Uses	Furniture		
Appearance	Transparent Green		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30 - 1.34	g/cm³	ASTM D792
PVC Cell Classification	14443333		ASTM D4216
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	112		ASTM D785
Durometer Hardness (Shore D, 10 sec)	76 - 82		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2620	MPa	ASTM D638
Tensile Strength	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/m²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	72.0	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94

Recommended distributors for this material

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