

Axiall PVC 8245

Rigid Polyvinyl Chloride

Axiall Corporation

Message:

8245 is an extrusion grade pellet compound suitable for indoor applications such as furniture edging.

General Information			
Features	Rigidity, high		
Uses	Furniture		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38 - 1.42	g/cm ³	ASTM D792
PVC Cell Classification	13353		ASTM D1784
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	90		ASTM D785
Durometer Hardness (Shore D)	78		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2830	MPa	ASTM D638
Tensile Strength (Yield)	44.8	MPa	ASTM D638
Flexural Modulus	2620	MPa	ASTM D790
Flexural Strength	74.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	190	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
1.8 MPa, not annealed	60.0	°C	ASTM D648
1.8 MPa, annealed	68.0	°C	ASTM D648

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