

Axiall PVC 8253

Rigid Polyvinyl Chloride

Axiall Corporation

Message:

Axiall PVC 8253 is a Rigid Polyvinyl Chloride material. It is available in North America for sheet extrusion.
Typical application of Axiall PVC 8253: Sheet

General Information			
Uses	Sheet		
Processing Method	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm ³	ASTM D792
PVC Cell Classification	16343		ASTM D1784
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	78		ASTM D785
Durometer Hardness (Shore D)	77		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2810	MPa	ASTM D638
Tensile Strength (Yield)	43.1	MPa	ASTM D638
Flexural Modulus	2390	MPa	ASTM D790
Flexural Strength	71.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	1100	J/m	ASTM D256
Tensile Impact Strength	143	kJ/m ²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
1.8 MPa, Unannealed	65.0	°C	
1.8 MPa, Annealed	71.1	°C	
Injection	Nominal Value	Unit	
Processing (Melt) Temp	188	°C	

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Recommended distributors for this material

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WECHAT