

Axiall PVC 2500

Rigid Polyvinyl Chloride

Axiall Corporation

Message:

2500 is a rigid extrusion PVC compound for interior applications. This compound is part of a family of products that partially contains a recycled stream, which helps to make end products more cost-competitive. This product is transparent and typically used in end products that are non-color or non-appearance critical.

General Information			
Features	Rigidity, high		
Appearance	Translucent		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.39 - 1.43	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	110		ASTM D785
Durometer Hardness (Shore D, 10 sec)	75 - 81		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2910	MPa	ASTM D638
Tensile Strength	41.5	MPa	ASTM D638
Flexural Modulus	2680	MPa	ASTM D790
Flexural Strength	71.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	860	J/m	ASTM D256
Drop Impact Resistance ¹	267	J/cm	ASTM D4226
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	61.8	°C	ASTM D648
NOTE			

1. Program B, C- 125 Tup

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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



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