

AuroraTec™ AP2538A

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information

Product Description

A high rigid, moderate impact PVC powder compound designed for interior applications including substrates.

Note: Additional custom color matching is available upon request.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• High Rigidity • Medium Impact Resistance		
Uses	• Agricultural Applications • Appliances • Automotive Applications • Consumer Applications • Electrical/Electronic Applications	• Fencing & Decking • Film • Medical/Healthcare Applications • Outdoor Applications • Rail Applications	• Sheet • Spas • Windows & Doors
Appearance	• Colors Available		
Forms	• Powder		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity ²	1.46		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	360000	psi	ASTM D638
Tensile Strength	6110	psi	ASTM D638
Flexural Modulus	380000	psi	ASTM D790
Flexural Strength	10500	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.8	ft-lb/in	ASTM D256
Dart Impact ³			ASTM D4226
Procedure A	1	in-lb/mil	
Procedure B	> 3	in-lb/mil	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Annealed)	160	°F	ASTM D648
CLTE - Flow	3.4E-5	in/in/°F	ASTM D696

Notes

¹ Typical properties: these are not to be construed as specifications.

² natural

³ Min Failure

