

AuroraTec™ AP2403KNT1000

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information
Product Description

A PVC powder compound with enhanced stiffness for thermoplastic composite substrates

Note: Additional custom color matching is available upon request.

General

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

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity ²	1.44		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	600000	psi	ASTM D638
Tensile Strength	6800	psi	ASTM D638
Flexural Modulus	650000	psi	ASTM D790
Flexural Strength	12000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	0.70	ft·lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Annealed)	172	°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
