

AuroraTec™ AP5176BNT1001

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information

Product Description

A PVC powder compound with enhanced rigidity and stiffness designed for interior applications and weatherable cap-stocked outdoor applications.

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	• Good Rigidity	• Good Stiffness	• Good Weather Resistance
Uses	• Capstock	• Outdoor Applications	
Appearance	• Colors Available		
Forms	• Powder		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity ²	1.50		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	702000	psi	ASTM D638
Tensile Strength	7300	psi	ASTM D638
Flexural Modulus	736000	psi	ASTM D790
Flexural Strength	13400	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.0	ft·lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Annealed)	164	°F	ASTM D648
CLTE - Flow	2.3E-5	in/in/°F	ASTM D696

Notes

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

² natural

