

**AuroraTec™ AP1426NBG**

Aurora Material Solutions, LLC - Polyvinyl Chloride

**General Information**
**Product Description**

A midrange gloss, PVC powder, extrusion compound for exterior applications. Also used as a capstock. This is a rigid PVC formulation per the requirements of AAMA 303. This material meets/exceeds cell class 1-20131-13 as required in ASTM D-4726.

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	• Good Rigidity • Medium Gloss
Uses	• Capstock • Outdoor Applications
Agency Ratings	• AAMA 303 • ASTM D4726
Appearance	• Colors Available
Forms	• Powder
Processing Method	• Extrusion

**Properties <sup>1</sup>**

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity			ASTM D792
-- 2	1.45		
-- 3	1.45		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	443000	psi	ASTM D638
Tensile Strength	6700	psi	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	19	ft·lb/in	ASTM D256
Dart Impact <sup>4</sup>			ASTM D4226
Procedure A		1 in·lb/mil	
Procedure B		> 4 in·lb/mil	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	79		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Annealed)	160	°F	ASTM D648
CLTE - Flow	3.3E-5	in/in/°F	ASTM D696

**Notes**

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> BG1122

<sup>3</sup> BG1228

<sup>4</sup> Min Failure

