

AuroraTec™ AP1326AK

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information
Product Description

A high rate, high gloss, PVC powder extrusion compound for weatherable applications. Typical test results for ASTM D-4216. 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. The actual cell class per ASTM D-4216 is 1-41434-33.

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	• High Flow	• High Gloss
Uses	• Outdoor Applications		
Agency Ratings	• AAMA 303	• ASTM D4726	
Appearance	• Colors Available		
Forms	• Powder		
Processing Method	• Extrusion		

Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	1.45		ASTM D792
Mechanical			
Tensile Modulus	435000	psi	ASTM D638
Tensile Strength	6250	psi	ASTM D638
Flexural Modulus	390000	psi	ASTM D790
Flexural Strength	10900	psi	ASTM D790
Impact			
Notched Izod Impact	18	ft·lb/in	ASTM D256
Dart Impact ²			ASTM D4226
Procedure A		1 in·lb/mil	
Procedure B		> 4 in·lb/mil	
Hardness			
Durometer Hardness (Shore D)	78		ASTM D2240
Thermal			
Deflection Temperature Under Load (264 psi, Annealed)	163	°F	ASTM D648
CLTE - Flow	3.5E-5	in/in/°F	ASTM D696

Notes

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

² Min Failure

