

**AuroraTec™ AP1423**

Aurora Material Solutions, LLC - Polyvinyl Chloride

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

A high rate, midrange gloss, PVC powder extrusion compound for exterior/interior applications.

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 Flow • Medium Gloss
Uses	• Outdoor Applications
Forms	• Powder
Processing Method	• Extrusion

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.46		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	380000	psi	ASTM D638
Tensile Strength	6400	psi	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	4.5	ft·lb/in	ASTM D256
Dart Impact <sup>2</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)	78		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Annealed)	163	°F	ASTM D648
CLTE - Flow	3.6E-5	in/in/°F	ASTM D696
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.06 in)	HB		UL 94

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

<sup>2</sup> Min Failure
