

**AuroraTec™ AP1346G**

Aurora Material Solutions, LLC - Polyvinyl Chloride

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

A general-purpose, rigid PVC powder extrusion compound designed for applications requiring good melt strength, excellent processing and physical properties.

Typical test results per ASTM D-4216. This material meets/exceeds cell class 1-42443-33.

**General**

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Features	• Excellent Processability • Good Melt Strength • General Purpose • Good Rigidity
Uses	• General Purpose
Forms	• Powder
Processing Method	• Extrusion

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.43		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	416000	psi	ASTM D638
Tensile Strength	6570	psi	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	19	ft·lb/in	ASTM D256
Dart Impact <sup>2</sup>			ASTM D4226
Procedure A	2	in·lb/mil	
Procedure B	> 3	in·lb/mil	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	77		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Annealed)	162	°F	ASTM D648
CLTE - Flow	3.7E-5	in/in/°F	ASTM D696

**Notes**

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

<sup>2</sup> Min Failure

