

AuroraTec™ AP2347A

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 color dispersion, and excellent physical properties.

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	• General Purpose • Good Melt Strength • Good Rigidity
Uses	• General Purpose
Appearance	• Colors Available
Forms	• Powder
Processing Method	• Extrusion

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.37		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	449000	psi	ASTM D638
Tensile Strength	8190	psi	ASTM D638
Flexural Modulus	534000	psi	ASTM D790
Flexural Strength	14100	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	0.80	ft·lb/in	ASTM D256
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)	165	°F	ASTM D648
CLTE - Flow	3.2E-5	in/in/°F	ASTM D696

Notes

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

