

AuroraTec™ AP2382F

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information
Product Description

A high rate, Rigid PVC powder, extrusion compound for interior and exterior 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	• Good Rigidity • High Flow
Uses	• Outdoor Applications
Appearance	• Colors Available
Forms	• Powder
Processing Method	• Extrusion

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity			ASTM D792
-- ²	1.42		
-- ³	1.47		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	380000	psi	ASTM D638
Tensile Strength	6440	psi	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	3.3	ft·lb/in	ASTM D256
Dart Impact ⁴			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	3.5E-5	in/in/°F	ASTM D696

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

² natural

³ white

⁴ Min Failure
