

AuroraTec™ AP5121MWH1328

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information
Product Description

A high rate, White Rigid PVC pellet, 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 • White
Forms	• Pellets
Processing Method	• Extrusion

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.48		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	380000	psi	ASTM D638
Tensile Strength	6200	psi	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	19	ft·lb/in	ASTM D256
Dart Impact ²			ASTM D4226
Procedure A		1 in·lb/mil	
Procedure B		> 2 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)	• 158 °F • 162		ASTM D648
CLTE - Flow	2.8E-5	in/in/°F	ASTM D696

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

² Min Failure
