

AuroraGuard™ AP5155D

Aurora Material Solutions, LLC - Rigid Polyvinyl Chloride

General Information

Product Description

A high HDT rigid PVC pellet compound designed for interior applications including substrates.

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 Heat Resistance	
Uses	• Aerospace Applications	• Consumer Applications	• Medical/Healthcare Applications
	• Agricultural Applications	• Electrical/Electronic Applications	• Rail Applications
	• Appliances	• Energy Storage	• Siding Applications
	• Automotive Applications	• Fencing & Decking	
Appearance	• Colors Available		
Forms	• Pellets		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.33		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	440000	psi	ASTM D638
Tensile Strength	7300	psi	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.0	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)	174	°F	ASTM D648
CLTE - Flow	3.4E-5	in/in/°F	ASTM D696

Notes

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

