

AuroraTec™ AP4038A

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information
Product Description

A high flow rigid PVC pellet compound designed for injection molding, cap stock, and sheet extrusion with high impact 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	• Good Rigidity	• High Flow	• High Impact Resistance
Uses	• Capstock	• Sheet	
Agency Ratings	• NSF STD-14	• NSF STD-61	
Appearance	• Colors Available		
Forms	• Pellets		
Processing Method	• Injection Molding		

Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	1.44		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	7.0	g/10 min	ASTM D1238
PVC Cell Classification	14333		ASTM D1784
Mechanical			
Tensile Modulus	366000	psi	ASTM D638
Tensile Strength	6230	psi	ASTM D638
Impact			
Notched Izod Impact	20	ft-lb/in	ASTM D256
Hardness			
Durometer Hardness (Shore D)	79		ASTM D2240
Thermal			
Deflection Temperature Under Load (264 psi, Annealed)	169	°F	ASTM D648

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