

AuroraTec™ AP4006DL

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information
Product Description

A high flow rigid PVC pellet compound designed for injection molding applications. NSF listed for potable water and DWV fittings.

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	• Filaments • Potable Water Applications
Agency Ratings	• NSF STD-14
Appearance	• Colors Available
Forms	• Pellets
Processing Method	• Injection Molding

Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	1.42		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	20	g/10 min	ASTM D1238
Mechanical			
Tensile Modulus	388000	psi	ASTM D638
Tensile Strength	6720	psi	ASTM D638
Impact			
Notched Izod Impact	1.7	ft-lb/in	ASTM D256
Hardness			
Durometer Hardness (Shore D)	79		ASTM D2240
Thermal			
Deflection Temperature Under Load (264 psi, Annealed)	167	°F	ASTM D648
Additional Information			
Cell Classification	13343		ASTM D1784

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