

AuroraTec™ AP4006CC

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 • NSF STD-61
Appearance	• Colors Available
Forms	• Pellets
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity			ASTM D792
-- ²	1.43		
-- ³	1.37		
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	436000	psi	ASTM D638
Tensile Strength	7180	psi	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.1	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)	162	°F	ASTM D648
Additional Information	Nominal Value	Unit	Test Method
Cell Classification	12454		ASTM D1784

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

² WH2012

³ GR1031
