

AuroraTec™ AP4006CCWH2012

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information
Product Description

A high flow rigid PVC pellet compound designed for injection molding fitting applications requiring excellent processing and physical properties. Aurora Plastics AP4006CCWH2012 is NSF listed for potable water and DWV applications under Standard 14/61.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Features	• Excellent Processability	• 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

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	1.43		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	20	g/10 min	ASTM D1238
Mechanical			
Tensile Modulus	436000	psi	ASTM D638
Tensile Strength	7180	psi	ASTM D638
Impact			
Notched Izod Impact	1.1	ft-lb/in	ASTM D256
Hardness			
Durometer Hardness (Shore D)	79		ASTM D2240
Thermal			
Deflection Temperature Under Load (264 psi, Unannealed)	162	°F	ASTM D648

Notes

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

