

AuroraTec™ AP4006AQWH1257

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information

Product Description

A high flow rigid PVC pellet compound designed for injection molding with high impact and good weathering properties. 4006AQWH1257 is NSF Standard 50 listed.

Note: Additional custom color matching is available upon request.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Good Rigidity • Good Weather Resistance	• High Flow • High Impact Resistance	
Uses	• Agricultural Applications • Appliances • Automotive Applications • Consumer Applications • Electrical/Electronic Applications	• Fencing & Decking • Film • Medical/Healthcare Applications • Outdoor Applications • Rail Applications	• Sheet • Spas • Windows & Doors
Agency Ratings	• NSF STD-50		
Appearance	• Colors Available		
Forms	• Pellets		
Processing Method	• Injection Molding		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.44		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	17	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	360000	psi	ASTM D638
Tensile Strength	5800	psi	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	17	ft-lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	78		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Annealed)	158	°F	ASTM D648

Notes

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

