

**AuroraTec™ AP4006AQGR2047**

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.

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	
	• Good Weather Resistance	• High Impact Resistance	
Uses	• Agricultural Applications	• Fencing & Decking	• Sheet
	• Appliances	• Film	• Spas
	• Automotive Applications	• Medical/Healthcare Applications	• Windows & Doors
	• Consumer Applications	• Outdoor Applications	
	• Electrical/Electronic Applications	• Rail Applications	
Appearance	• Colors Available		
Forms	• Pellets		
Processing Method	• Injection Molding		

**Properties <sup>1</sup>**

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

**Notes**
<sup>1</sup> Typical properties: these are not to be construed as specifications.
