

**AuroraTec™ RB 5052 UV FDA CLEAR**

Aurora Material Solutions, LLC - Rigid Polyvinyl Chloride

**General Information**
**Product Description**

Transparent rigid impact modified PVC, formulated with FDA compliant ingredients free of phthalates.

Applications: Interior profile extrusion &amp; injection / blow molded molded parts

Made in Canada

**General**

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Additive	• Impact Modifier		
Features	• Good Rigidity	• Impact Modified	
Uses	• Blow Molding Applications		
Agency Ratings	• FDA		
Appearance	• Clear/Transparent		
Processing Method	• Blow Molding	• Injection Molding	• Profile Extrusion

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

	Nominal Value	Unit	Test Method
<b>Physical</b>			
Density / Specific Gravity	1.32		ASTM D792
<b>Mechanical</b>			
Tensile Strength	6380	psi	ASTM D638
Flexural Modulus	380000	psi	ASTM D790
<b>Impact</b>			
Notched Izod Impact (73°F, 0.126 in)	14	ft·lb/in	ASTM D256
<b>Hardness</b>			
Durometer Hardness (Shore D, 15 sec)	79		ASTM D2240
<b>Thermal</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.
