

## AuroraTec™ RB 5055 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: Profile extrusion & injection 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	• 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	• FDA		
Appearance	• Clear/Transparent		
Processing Method	• Injection Molding	• Profile Extrusion	

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.32		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	378000	psi	ASTM D638
Tensile Strength	6820	psi	ASTM D638
Flexural Strength	11000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.126 in)	18	ft·lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	78		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Annealed)	155	°F	ASTM D648

### Notes

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

