

AuroraTec™ RB 5055 UV 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.

Made in Canada

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Additive	• Impact Modifier		
Features	• Food Contact Acceptable	• Good Rigidity	• Impact Modified
Uses	• Agricultural Applications	• Consumer Applications	• Medical/Healthcare Applications
	• Appliances	• Electrical/Electronic Applications	• Sheet
	• Automotive Applications	• Film	
Appearance	• Clear/Transparent		
Processing Method	• Injection Molding	• Profile Extrusion	

Properties ¹

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

Notes

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

