

AuroraTec™ RB 5051 HI-FLO 7

Aurora Material Solutions, LLC - Rigid Polyvinyl Chloride

General Information
Product Description

Rigid High flow PVC, transparent either natural or tinted

Applications: Interior application: injection molded parts, high mold flow.

Made in Canada

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Good Rigidity • High Flow		
Uses	• Agricultural Applications • Appliances • Consumer Applications	• Electrical/Electronic Applications • Film • Medical/Healthcare Applications	• Outdoor Applications
Appearance	• Clear/Transparent		
Processing Method	• Blow Molding	• Injection Molding	

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.32		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	320000	psi	ASTM D638
Tensile Strength	5300	psi	ASTM D638
Flexural Modulus	365000	psi	ASTM D790
Flexural Strength	8700	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	2.0	ft·lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	74		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Annealed)	152	°F	ASTM D648

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