

AuroraTec™ RR 4953

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information
Product Description

High impact resistant rigid extrusion vinyl compound for interior applications.
Available in natural, and custom colours

Application : Complex extrusion profile.

Made in Canada

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Good Rigidity • High Impact Resistance		
Uses	• Agricultural Applications • Appliances	• Consumer Applications • Electrical/Electronic Applications	
Appearance	• Colors Available	• Natural Color	
Forms	• Pellets		
Processing Method	• Extrusion		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity ²	1.37		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	374000	psi	ASTM D638
Tensile Strength	6670	psi	ASTM D638
Flexural Modulus	389000	psi	ASTM D790
Flexural Strength	11900	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.126 in)	6.9	ft·lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	80		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Annealed)	163	°F	ASTM D648

Notes

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

² Value for the Natural version

