

AuroraTec™ RR 5083H UV Clear

Aurora Material Solutions, LLC - Rigid Polyvinyl Chloride

General Information
Product Description

A Rigid impact modified transparent PVC for profile extrusion (UV version is available when UV resistance is required).

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	• UV Resistant
Uses	• Appliances • Automotive Applications	• Consumer Applications • Electrical/Electronic Applications	• Sheet
Appearance	• Clear/Transparent		
Processing Method	• 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	12000	psi	ASTM D790
Impact			
Notched Izod Impact (73°F, 0.126 in)	16	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.
