

AuroraTec™ RR5083B UV Clear

Aurora Material Solutions, LLC - Rigid Polyvinyl Chloride

General Information

Product Description

A Rigid impact modified transparent PVC for interior profile extrusion (a high UV version is available when boosted 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 • UV Stabilizer
Features	• Good Rigidity • Impact Modified
Uses	• Agricultural Applications • Appliances • Automotive Applications • Consumer Applications • Electrical/Electronic Applications • Medical/Healthcare Applications • Sheet
Appearance	• Clear/Transparent
Forms	• Pellets
Processing Method	• 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)	158	°F	ASTM D648

Notes

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

