

AuroraTec™ RR 2803 WHITE

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information
Product Description

Rigid extrusion grade vinyl compound suitable as a substrate material for exterior vinyl fencing.

Note: Fence substrate for exterior use when protected with a weatherable capping material.

Made in Canada

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Features	• Good Rigidity	• Good Weather Resistance	• High Impact Resistance
Uses	• Fencing & Decking	• Outdoor Applications	
Forms	• Pellets		
Processing Method	• Extrusion		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.41		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	400000	psi	ASTM D638
Tensile Strength	6240	psi	ASTM D638
Flexural Modulus	421000	psi	ASTM D790
Flexural Strength	11000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.126 in)	3.0	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)	165	°F	ASTM D648

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