

AuroraTec™ RR 0188 PC1

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information

Product Description

High impact rigid extrusion vinyl compound. Available in 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 • Rail Applications	• Windows & Doors
Appearance	• Colors Available		
Forms	• Pellets		
Processing Method	• Extrusion		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.36		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	410000	psi	ASTM D638
Tensile Strength	6380	psi	ASTM D638
Flexural Modulus	342000	psi	ASTM D790
Flexural Strength	9860	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.126 in)	21	ft-lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	78		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Annealed)	162	°F	ASTM D648

Notes

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

