

AuroraTec™ RR 0188 UV PC2 Black

Aurora Material Solutions, LLC - Rigid Polyvinyl Chloride

General Information

Product Description

High impact rigid extrusion vinyl compound for exterior applications. Available in custom colours.

Applications: 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	• Outdoor Applications		
Appearance	• Colors Available		
Processing Method	• Extrusion	• Profile Extrusion	

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.40		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	435000	psi	ASTM D638
Tensile Strength	6670	psi	ASTM D638
Flexural Modulus	352000	psi	ASTM D790
Flexural Strength	11900	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)	79		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.

