

AuroraTec™ RR 6604P Black

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information

Product Description

Rigid profile PVC compound, high impact, suitable for twin screw extrusion. Available with additional UV stabilizer.

Window profile, impact resistant, complex 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	• Profiles		
Appearance	• Black		
Forms	• Powder		
Processing Method	• Extrusion		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.36		ASTM D792
PVC Cell Classification	14003330		ASTM D4216
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	400000	psi	ASTM D638
Tensile Strength	6240	psi	ASTM D638
Flexural Modulus	385000	psi	ASTM D790
Flexural Strength	11000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.126 in)	7.0	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)	164	°F	ASTM D648

Notes

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

