

AuroraTec™ BF 9405 DWV

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information
Product Description

Rigid injection moulding grade vinyl compounds suitable for interior applications.

Application : Pipe fittings, central vacuum fittings, extruded rigid vinyl conduit.

Made in Canada

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Features	• Good Rigidity		
Uses	• Conduit	• Piping	
Forms	• Pellets		
Processing Method	• Extrusion	• Injection Molding	

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.42		ASTM D792
Molding Shrinkage - Flow	2.0E-3 to 5.0E-3	in/in	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	464000	psi	ASTM D638
Tensile Strength	7300	psi	ASTM D638
Flexural Modulus	480000	psi	ASTM D790
Flexural Strength	12500	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.126 in)	1.2	ft·lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	78		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Annealed)	162	°F	ASTM D648
Flammability	Nominal Value	Unit	Test Method
Flame Rating ² (0.04 in)	• V-0		UL 94
	• 5VB		

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

² White only listed
