

AuroraTec™ RM 9009 Clear

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information
Product Description

Rigid injection moulding grade vinyl compounds suitable for interior applications.

Made in Canada

General

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

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.33		ASTM D792
Molding Shrinkage - Flow	2.0E-3 to 5.0E-3	in/in	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	440000	psi	ASTM D638
Tensile Strength	6850	psi	ASTM D638
Flexural Modulus	460000	psi	ASTM D790
Flexural Strength	11500	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)	160	°F	ASTM D648

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