

AuroraTec™ RM 9008 NATURAL

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information
Product Description

Rigid injection moulding pvc compound High flow, medium impact.

Application : Fence post covers, decorative window grills

Made in Canada

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Good Rigidity	• High Flow	• Medium Impact Resistance
Uses	• Fencing & Decking	• Window & Door Components	
Appearance	• Natural Color		
Forms	• Powder		
Processing Method	• Injection Molding		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.35		ASTM D792
Melt Mass-Flow Rate (MFR) ²	12	g/10 min	ASTM D3364
Molding Shrinkage - Flow	2.0E-3 to 5.0E-3	in/in	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	280000	psi	ASTM D638
Tensile Strength	5990	psi	ASTM D638
Flexural Modulus	300000	psi	ASTM D790
Flexural Strength	9500	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.126 in)	3.0	ft·lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	77		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Annealed)	154	°F	ASTM D648

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

² 188°C
