AuroraTec™ RM 9011AP NAT

Aurora Material Solutions, LLC - *Polyvinyl Chloride*

General Information

Product Description

Rigid injection moulding pvc compounds, with good impact resistance and tensile strenght

Application : Injection and extrusion applications that require high-flow, impact strenght and extrudability.

Made in Canada

General			
Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Good Impact Resistance • Good Rigidity	• Good Tensile Strength • High Flow	
Uses	• Consumer Applications	• General Purpose	
Appearance	• Natural Color		
Forms	• Powder		
Processing Method	• Extrusion	• Injection Molding	

Properties [1]

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.39		ASTM D792
Molding Shrinkage - Flow	2.0E-3 to 5.0E-3	in/in	ASTM D955
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	390000	psi	ASTM D638
Tensile Strength	6400	psi	ASTM D638
Flexural Modulus	410000	psi	ASTM D790
Flexural Strength	11500	psi	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (73°F, 0.126 in)	14	ft·lb/in	ASTM D256
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore D, 15 sec)	80		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.