

AuroraTec™ RR 5056 UV CLEAR

Aurora Material Solutions, LLC - Rigid Polyvinyl Chloride

General Information

Product Description

A Rigid impact modified transparent PVC for interior profile extrusion and injection molded parts (UV version is available when UV resistance is required).

Made in Canada

General

Material Status	<ul style="list-style-type: none"> Commercial: Active 		
Availability	<ul style="list-style-type: none"> Africa & Middle East Asia Pacific 	<ul style="list-style-type: none"> Europe Latin America 	<ul style="list-style-type: none"> North America
Additive	<ul style="list-style-type: none"> Impact Modifier UV Stabilizer 		
Features	<ul style="list-style-type: none"> Good Rigidity Impact Modified 		
Uses	<ul style="list-style-type: none"> Agricultural Applications Appliances Automotive Applications 	<ul style="list-style-type: none"> Consumer Applications Electrical/Electronic Applications Medical/Healthcare Applications 	<ul style="list-style-type: none"> Sheet
Appearance	<ul style="list-style-type: none"> Clear/Transparent 		
Processing Method	<ul style="list-style-type: none"> Injection Molding 	<ul style="list-style-type: none"> Profile Extrusion 	

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.32		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	378000	psi	ASTM D638
Tensile Strength	6820	psi	ASTM D638
Flexural Strength	12000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.126 in)	18	ft·lb/in	ASTM D256
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	78		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Annealed)	155	°F	ASTM D648

Notes

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

