

## AuroraTec™ RR4021HI Black

Aurora Material Solutions, LLC - Polyvinyl Chloride

### General Information

#### Product Description

A high flow rigid PVC pellet compound designed for injection molding with high impact and excellent weathering properties.

Note: Additional custom color matching is available upon request.

#### General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Features	• Excellent Weather Resistance	• High Flow	
	• Good Rigidity	• High Impact Resistance	
Uses	• Agricultural Applications	• Electrical/Electronic Applications	• Windows & Doors
	• Appliances	• Medical/Healthcare Applications	
	• Consumer Applications	• Outdoor Applications	
Appearance	• Colors Available		
Forms	• Pellets		
Processing Method	• Injection Molding		

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.35		ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	40	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	380000	psi	ASTM D638
Tensile Strength	6050	psi	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	12	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)	157	°F	ASTM D648

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

