

## AuroraTec™ RR2800

Aurora Material Solutions, LLC - Polyvinyl Chloride

### General Information

#### Product Description

A PVC pellet compound with enhanced rigidity, stiffness and low COE designed for interior applications including substrates.

#### General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
Features	• Good Rigidity	• Good Stiffness	
Uses	• Agricultural Applications	• Fencing & Decking	• Sheet
	• Appliances	• Film	• Spas
	• Automotive Applications	• Medical/Healthcare Applications	• Windows & Doors
	• Consumer Applications	• Outdoor Applications	
	• Electrical/Electronic Applications	• Rail Applications	
Forms	• Pellets		

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity <sup>2</sup>	1.50		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1.20E+6	psi	ASTM D638
Tensile Strength	8140	psi	ASTM D638
Flexural Modulus	900000	psi	ASTM D790
Flexural Strength	12600	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	0.70	ft·lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Annealed)	165	°F	ASTM D648
CLTE - Flow	2.0E-5	in/in/°F	ASTM D696

### Notes

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

<sup>2</sup> natural

