

AuroraTec™ AP1269

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information
Product Description

High gloss, wide process window. Can be used on SS extruders.

Typical test results for ASTM D-4216. This is a Rigid PVC formulation per the requirements of AAMA 303-08. This material meets/exceeds cell class 1-20131-13 as required in ASTM D-4726.

Note: Additional custom color matching is available upon request.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Good Processability	• Good Rigidity	• High Gloss
Uses	• Agricultural Applications • Appliances • Automotive Applications • Consumer Applications • Electrical/Electronic Applications	• Fencing & Decking • Film • Medical/Healthcare Applications • Outdoor Applications • Rail Applications	• Sheet • Spas • Windows & Doors
Agency Ratings	• AAMA 303 08	• ASTM D4726	
Appearance	• Colors Available		
Processing Method	• Extrusion		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.46		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	130000	psi	ASTM D638
Tensile Strength	6600	psi	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	17	ft·lb/in	ASTM D256
Dart Impact ²			ASTM D4226
Procedure A	1	in·lb/mil	
Procedure B	> 3	in·lb/mil	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Annealed)	158	°F	ASTM D648
CLTE - Flow	3.6E-5	in/in/°F	ASTM D696

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

² Min Failure
