

# Aurora PVC AP3000 Series AAMA

Rigid Polyvinyl Chloride

Aurora Plastics, Inc.

## Message:

A rigid PVC powder, exterior/interior grade, compound for the extrusion of a medium density foam. This compound is produced with poly (vinyl chloride) resin.

Typical test results for ASTM D-4216. This is a Rigid PVC foam formulation without the blowing agent added as per the requirements of AAMA 308-04. This material meets cell class 1-20131-13. Testing was performed by Architectural Testing, Inc., July 2005.

General Information			
Features	Foamable		
	Medium Density		
Uses	Foam		
Forms	Powder		
Processing Method	Foam Extrusion		
Physical	Nominal Value		Test Method
PVC Cell Classification	1-20131-13		ASTM D4216
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (22°C)	2380	MPa	ASTM D638
Tensile Strength (Yield, 22°C)	44.5	MPa	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (22°C)	220	J/m	ASTM D256
Drop Impact Resistance			ASTM D4226
22°C, Extruded at 380 to 390° F melt temperature <sup>1</sup>	48.5	J/cm	
22°C, Extruded at 380 to 390° F melt temperature <sup>2</sup>	48.5	J/cm	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	70.6	°C	ASTM D648
CLTE - Flow (22°C)	7.7E-5	cm/cm/°C	ASTM D696
Flammability	Nominal Value		Test Method
Flame Rating	HB		ASTM D635
NOTE			
1.	Procedure A		
2.	Procedure B		

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Recommended distributors for this material

# Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

