

# Aurora PVC AP3310 Series

Polyvinyl Chloride  
Aurora Plastics, Inc.

Message:

A high rate, PVC powder, high density foam extrusion compound for exterior/interior applications. Test results are without blowing agent.

General Information			
Features	Foamable		
	High Density		
Uses	Foam		
Forms	Powder		
Processing Method	Foam Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40 to 1.44	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness <sup>1</sup> (Shore D, 22°C)	75 to 81		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (22°C)	2760	MPa	ASTM D638
Tensile Strength (Yield, 22°C)	43.4	MPa	ASTM D638
Flexural Modulus (22°C)	2650	MPa	ASTM D790
Flexural Strength (22°C)	80.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (22°C)	960	J/m	ASTM D256
Drop Impact Resistance			ASTM D4226
22°C, Extruded at 380 to 390° F melt temperature <sup>2</sup>	66.7	J/cm	
22°C, Extruded at 380 to 390° F melt temperature <sup>3</sup>	267	J/cm	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	72.8	°C	ASTM D648
CLTE - Flow (22°C)	6.5E-5	cm/cm/°C	ASTM D696
Flammability	Nominal Value		Test Method
Flame Rating	HB		ASTM D635
NOTE			
1.	Instantaneous		
2.	Procedure A		
3.	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

