

Aurora PVC AP2261

Polyvinyl Chloride
Aurora Plastics, Inc.

Message:

A high rate, high impact PVC powder, extrusion compound, for interior application

General Information			
UL YellowCard	E247467-314360		
Features	High Impact Resistance		
Forms	Powder		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38 to 1.42	g/cm ³	ASTM D792
PVC Cell Classification	1-31032-23-0000		ASTM D4216
PVC Cell Classification	14354		ASTM D1784
PVC Cell Classification	Class 2		ASTM D3679
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 22°C)	77 to 83		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (22°C)	2550	MPa	ASTM D638
Tensile Strength (Yield, 22°C)	42.1	MPa	ASTM D638
Flexural Modulus (22°C)	2410	MPa	ASTM D790
Flexural Strength (22°C)	79.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (22°C)	280	J/m	ASTM D256
Drop Impact Resistance			ASTM D4226
22°C, Extruded at 380 to 390° F melt temperature ¹	80.1	J/cm	
22°C, Extruded at 380 to 390° F melt temperature ²	178	J/cm	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	71.1	°C	ASTM D648
CLTE - Flow (22°C)	6.3E-5	cm/cm/°C	ASTM D696
Flammability	Nominal Value		Test Method
Flame Rating			
--	HB		ASTM D635
--	V-0		UL 94
NOTE			
1.	Procedure A		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

