

AuroraTec™ AP1347BWH1293

Aurora Material Solutions, LLC - Polyvinyl Chloride

General Information

Product Description

A general-purpose rigid PVC pellet extrusion compound designed for applications requiring good melt strength, excellent color dispersion and excellent physical properties.

Note: Additional custom color matching is available upon request.

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Europe • North America • Asia Pacific • Latin America
Features	• Dispersible • Good Melt Strength • General Purpose • Good Rigidity
Uses	• General Purpose
Appearance	• Colors Available
Forms	• Pellets
Processing Method	• Extrusion

 Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	1.44		ASTM D792
Mechanical			
Tensile Modulus	540000	psi	ASTM D638
Tensile Strength	6240	psi	ASTM D638
Flexural Modulus	421000	psi	ASTM D790
Flexural Strength	11500	psi	ASTM D790
Impact			
Notched Izod Impact	2.5	ft·lb/in	ASTM D256
Dart Impact ²			ASTM D4226
Procedure A	1	in·lb/mil	
Procedure B	> 3	in·lb/mil	
Hardness			
Durometer Hardness (Shore D)	77		ASTM D2240
Thermal			
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

