



9280 Jefferson St., Streetsboro, OH 44241

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AP4000 Series

PVC PELLET COMPOUNDS

A high rate, midrange gloss, PVC pellet, extrusion compound for exterior/interior applications. See note

Typical test results for ASTM D-4216. This is a Rigid PVC formulation per the requirements of AAMA 303-05. Testing was performed on actual window parts with a wall thickness of 0.100". This material meets/exceeds cell class 1-40131-13** as required in ASTM D-4726. Testing was performed by Dallas Laboratory, Inc., March 2007.

<u>Properties*</u>	<u>Test Method</u>	<u>Typical Values</u>
Specific Gravity \pm 0.02	ASTM D-792	1.46
Hardness, Shore D, \pm 3 Instantaneous	ASTM D-2240	79
<u>Impact</u>	ASTM D-256	
Notched Izod, ft.-lb./inch		14.9
Dart Drop, Min. Failure, ¹ in.-lb./mil Procedure A	ASTM D-4226	>2.4
Procedure B		>2.4
<u>Tensile Properties</u>	ASTM D-638	
Tensile Strength@yield, psi		6,265
Tensile Modulus, psi		372,000
<u>Thermal Properties</u>		
Heat Deflection Temp. @264 psi, °F	ASTM D-648	151
Coefficient of Linear Expansion	ASTM D-696	3.2×10^{-5} in./in/°F
<u>Flammability</u>		
Rate of Burning	ASTM D-635	
ATB		0
AEB		0

Revision March 2007

*All tests conducted at 72°F unless otherwise stated

¹Extruded at 380 to 390° F melt temperature

**Actual cell class is 1-42342-12.

Note: Compound has shown to have good weathering performance under accelerated conditions and outdoor weathering. Actual weathering performance is dependent on several factors. Titanium Dioxide type and amount, pigment type and amount, manufacturing techniques and geographic locations all are relevant factors in the performance of this compound when subjected to the elements.

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