

AP1269 HWH1029
UV Stabilized- Yes¹

PVC POWDER COMPOUNDS

A general purpose rigid PVC powder compound designed for extrusion applications requiring good melt strength, excellent processing, and excellent physical properties.

Typical test results for ASTM D-4216. This is a Rigid PVC formulation per the requirements of AAMA 303-08. This material meets/exceeds cell class 1-20131-13** as required in ASTM D-4726.

<u>Properties²</u>	<u>Test Method</u>	<u>Typical Values</u>
Specific Gravity ± 0.02	ASTM D-792	1.46 (WHITE)
<u>Impact</u>		
Notched Izod, ft.-lb./inch	ASTM D-256	16.9
Dart Drop, Min. Failure, ³ in.-lb./mil Procedure A	ASTM D-4226	>2.7
Dart Drop, Min. Failure, ³ in.-lb./mil Procedure B	ASTM D-4226	>2.7
<u>Tensile Properties</u>		
Tensile Strength @yield, psi	ASTM D-638	6604
Tensile Modulus, psi		336,000
<u>Thermal Properties</u>		
Heat Deflection Temp. @264 psi, °F (°C)	ASTM D-648	158 °F (70°C)
Coefficient of Linear Expansion	ASTM D-696	3.6 x 10 ⁻⁵ in./in./°F

¹**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.

²All tests conducted at 72°F unless otherwise stated

³Extruded at 370 to 380° F melt temperature

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