



MasterBlend™ Vinyl

Premium Vinyl Makes
Superior Windows and Doors



Not all vinyl is created equal. Anlin windows and doors are produced with premium vinyl formulated specifically to withstand hotter and sunnier climates. Every ingredient that goes into Anlin's proprietary MasterBlend™ Vinyl adds beauty, durability and thermal performance.

BASE RESIN

Durable Polyvinylchloride (PVC) resin derived from natural gas and salt found abundantly in nature

STABILIZER (TIN)

Inhibit resin degradation and prevents discoloring during the life of the vinyl

FINAL EXTRUSION

The vinyl compound is extruded through polished stainless steel dies to create Anlin's unique multi-chambered profiles and smooth finish.

TITANIUM DIOXIDE

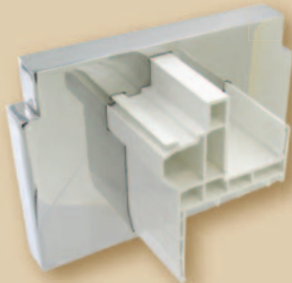
Provides highest level of resistance to ultraviolet rays and color fade

CALCIUM CARBONATE

Adds substance and mass to increase strength and insulation performance

IMPACT MODIFIERS

Provide resistance to impact, cracking and shattering even in hotter climates

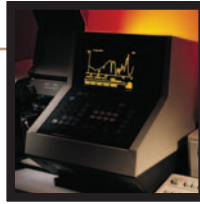


It's not just vinyl.
It's Anlin's MasterBlend™ Vinyl.

MasterBlend™ Vinyl

Our Vinyl Passes the Industry's Toughest Tests

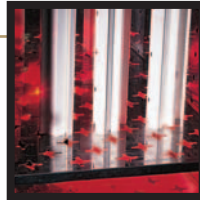
1 Resin and Additives Test
The Resin and Additives Test uses Fourier Transform Infrared Spectroscopy to compare and verify the resins and additives to meet our specifications.



2 Compound Test
The Compound Test uses a Torque Rheometer to further analyze samples of the compound for blending uniformity and consistency.



3 AAMA Heat Resistance Test
The AAMA Heat Resistance Test exposes vinyl profiles to extreme heat—350°F—then we visually inspect for stress-related surface changes.



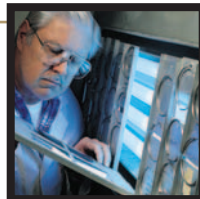
4 Heat Absorption Test
The Heat Absorption Test exposes vinyl to infrared radiation to determine how much radiant heat it can absorb and still remain stable.



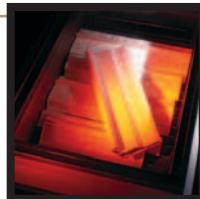
5 AAMA Weatherability Test
The AAMA Weatherability Test confirms the vinyl's performance (color change or retention, plus impact resistance) for various climates.



6 Accelerated Weathering Test
The Accelerated Weathering Test uses extreme UV radiation and humidity to simulate destructive outdoor environments.



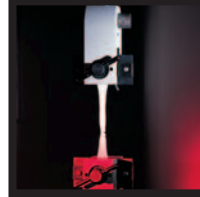
7 AAMA Dimensional Stability Test
The AAMA Dimensional Stability Test measures a profile's linear shrinkage at an elevated temperature.



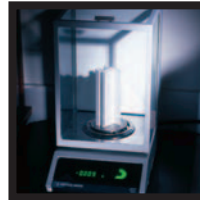
8 AAMA Impact Resistance Test
The AAMA Impact Resistance Test measures profile resistance to cracking or breaking during the fabrication process. Despite rigorous testing, no brittle failures have been recorded.



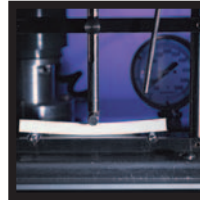
9 AAMA Tensile Strength Test
The AAMA Tensile Strength Test pulls apart the vinyl sample to determine its strength.



10 AAMA Weight Tolerance Test
The AAMA Weight Tolerance Test checks that finished profiles conform to the original design's weight.



11 Deflection Temperature Test
The AAMA Deflection Temperature Test determines the temperature at which a profile of specific dimensions, under a specific load, will bend.



12 AAMA Corner Weld Test
The AAMA Corner Weld Test applies a weight load—using no set limit—to test the strength of the weld seam as compared to the body of the profile.



13 Statistical Process Control
SPC is a statistical database collected from each extruder to help detect tool wear.



14 Desert Climate Test
The Desert Climate Test uses an independent testing laboratory to test vinyl profiles and finished products in a desert environment.



Your investment is worth a closer look.