



Your Formula for Success
RESINS | GEL COATS | COLORANTS

VIBRIN® G730AA POLYESTER GEL COAT



Product Information

POLYESTER GEL COAT FOR FIRE RETARDANT SPRAY APPLICATIONS

Typical Liquid Properties ¹		
Test	Unit of Measure	Nominal
Viscosity @ 77°F/25°C, RV Brookfield Spindle #4 @ 20 RPM	cps	4,500–6,000
Thix Ratio	2:20 rpm	6.5–8.5
Gel Time @ 77°F/25°C (1.5% of a 9% active oxygen MEKP)	minutes	8.0–11.0
Exotherm Time	minutes	5.0–15.0
Exotherm Temperature	°C	160–190
HAP Content	%	35–45

Typical properties are not to be construed as specifications.

DESCRIPTION

AOC's Vibrin G730AA is a fully promoted, thixotropic, fire retardant, polyester gel coat for spray applications. G730AA is also available in an Air Dry version as G730AD.

Consult the Colour Selector for examples of available colours.

APPLICATIONS

AOC's Vibrin G730AA is designed to be used in fire retardant applications. It must be used in conjunction with a suitable fire retardant laminating resin in order for the entire composite to give fire retardant properties. This product has moderate weathering characteristics and is not suited for applications where UV resistance is required.

BENEFITS

- Formulated to surpass UL94V-0
- Flame Testing
- High halogen content
- Good processability
- Fast cure

VIBRIN®

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PERFORMANCE GUIDELINES

A. All AOC thixotropic polyester gel coats should be mixed well prior to use.

B. MEKP levels should be kept between 1.0% and 2.5%

C. Gel coats should not be applied below 64°F/18°C.

STORAGE STABILITY

This product is stable for three months from the date of manufacture when stored in the original containers, away from direct sunlight or other UV light sources and at or below 77°F/25°C.

Storage stability of two months or less should be anticipated if the storage temperature exceeds 86°F/30°C.

After extended storage, some drift may occur in gel time or viscosity.

SAFETY

See the appropriate Safety Data Sheet for guidelines.

ISO 9001:2008 CERTIFIED

The Quality Management Systems at every AOC manufacturing facility have been certified as meeting ISO 9001:2008 standards. This certification recognizes that each AOC facility has an internationally accepted model in place for managing and assuring quality. We follow the practices set forth in this model to add value to the resins we make for our customers.

FOOTNOTES

(1) The gel times shown are typical but may be affected by catalyst, promoter, inhibitor concentration, resin, mold, and shop temperature. Variations in gelling characteristics can be expected between different lots of catalysts and at extremely high humidities. Pigment and/or filler can retard or accelerate gelation. It is recommended that the fabricator check the gelling characteristics of a small quantity of resin under actual operating conditions prior to use.



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