Your Formula for Success
RESINS | GEL COATS | COLORANTS

VIBRIN® G397 SERIES POLYESTER GELCOAT

Product Information

GELCOAT FOR MARINE APPLICATIONS

Typical Liquid Properties[1]		
Test	**Unit of Measure**	**Nominal**
Viscosity @ 77°F/25°C, RVF Brookfield		
Spindle #4 @ 20 rpm	centipoise	3,000-5,000
Thixotropy Ratio (2:20 rpm)	-	5.5 - 8.5
Gel Time @ 77°F/25°C		
(1.8% of a 9% active oxygen MEKP)	minutes	10-20
Film Cure	minutes	60-90
HAP Content	%	<33

**Typical properties are not to be construed as specifications.*

DESCRIPTION

Vibrin G397 Series is a pre-promoted, thixotropic, premium marine gel coat designed for spray applications.

BENEFITS

- Friendly spray characteristics with good leveling
- Sag and porosity resistant
- Blister and blush resistant
- Premium color and gloss retention in exterior weathering environments
- Meets MACT Compliance
- Optimal crack resistance at demold
- Passes AOC internal Thermal Shock Test
- Can be custom color matched*

**It is recommended to use AOC G930 Series Barrier Coat to optimize the aesthetics and longevity of the manufactured part*

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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 64ºF/18ºC.

STORAGE STABILITY

This product is stable for ninety days 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 the product viscosity and gel time.

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 and inhibitor concentrations and resin, mold and shop temperature. Variations in gelling characteristics can be expected between different lots of catalysts and at extremely high humidities. Pigment and fillers 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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Pub. G397 Series
Effective Date: August 2019

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