Your Formula for Success
RESINS | GEL COATS | COLORANTS

# VIBRIN® G460 SERIES
# CLEAR MARINE 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) | - | 5.0 - 8.0 |
| Gel Time @ 77°F/25°C | | |
| (1.8% of a 9% active oxygen MEKP) | minutes | 10-20 |
| Film Cure | minutes | 60-90 |
| HAP Content | % | 44-48 |

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

## DESCRIPTION

Vibrin G460 Series is a pre-promoted, thixotropic, premium clear marine gel coat designed for spray applications.

## BENEFITS

- Friendly spray characteristics with good leveling
- Sag and porosity resistant
- Blister and blush resistant
- Passes AOC internal thermal shock test
- Superior UV stability over conventional products
- Excellent color and clarity
- Meets MACT Compliance
- Optimal crack resistance at demold
- Excellent depth of image with special effect pigments

# VIBRIN®

## G460 SERIES CLEAR MARINE GELCOAT

### 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 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 9001:2015 CERTIFIED

The Quality Management Systems at every AOC manufacturing facility have been certified as meeting ISO 9001:2015 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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