

# Vibrin® G315AC Polyester Gel Coat

## Product Information

### Vibrin Polyester Gel Coat for Spray Applications

#### TYPICAL LIQUID RESIN PROPERTIES \* see back page (1)

| Test   | Units of Measure | Typical Range |
|--|------------------|---------------|
| Viscosity at 77°F/25°C, RV<br>Brookfield Spindle # 4 at 20 RPM | cps              | 4,000 - 4,800 |
| Thix Ratio (2:20 RPM)  | ---              | 7.5 - 8.5     |
| Gel Time at 77°F/25°C<br>(1.8% of a 9% active<br>oxygen MEKP)  | minutes          | 14 - 16       |
| Exotherm time  | minutes          | 10 - 18       |
| Exotherm temperature   | °C               | 170 - 200     |
| HAP Content  | %                | 40 - 47       |

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



#### DESCRIPTION

AOC's Vibrin G315AC is a fully promoted, thixotropic, neopentyl glycol-isophthalic polyester gel coat for spray applications. This product is designed for pigmented, medium to highly chromatic colours.

Consult the Colour Selector for examples of available colors.

#### FEATURES

- Superior UV and water resistance make this an ideal product for marine, transportation and architectural applications where resistance to the environment is essential.
- High gloss with superior cosmetics
- Excellent physical properties
- Superior processing characteristics
- Easy to repair



RIF J-30679721-1

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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 the product viscosity and gel time.

## SAFETY

See appropriate Material 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.