



**Your Formula for Success**  
RESINS | GEL COATS | COLORANTS

## VIBRIN® G130LN POLYESTER GEL COAT



# Product Information

## POLYESTER GEL COAT FOR SANDING APPLICATIONS

Typical Liquid Properties <sup>1</sup>		
Test	Unit of Measure	Nominal
Viscosity @ 77°F/25°C, RVF Brookfield Spindle #4 @ 20 rpm	cps	3,800-5,200
Thix Ratio	2:20 rpm	6.0-8.5
Gel Time @ 77°F/25°C (1.5% of a 9% active oxygen MEKP)	minutes	8.0-11.0
Exotherm Time	minutes	8.0-15.0
Exotherm Temperature	°C	120-180
HAP Content	%	<37% colors <30% whites

### DESCRIPTION

Vibrin G130LN is a fully promoted, thixotropic, polyester gel coat for spray applications. Primer paint colors are suggested.

### BENEFITS

- Excellent sandability and processability make the product ideal for the production of parts that are later painted such as in the transportation and recreational vehicle markets.
- Good Elongation
- Fast cure
- Resistant to porosity
- Low HAP levels enable the product to meet MACT standards
- Less overspray allowing improved transfer efficiency
- Lower styrene emissions reduce occupational exposures

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

# VIBRIN®

## G130LP POLYESTER GEL COAT

### 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. Gelcoats should not be applied below 64°F/18°C.

D. Spray 3 passes at 5-8 mils allowing a short flash time between passes.

### STORAGE STABILITY

Resins are stable for three months from date of production when stored in the original containers away from sunlight at no more than 70°F/21°C.

During the hot summer months, no more than two months stability at 86°F/30°C should be anticipated. After extended storage, some drift may occur in gel time and viscosity.

Storage in plastic totes made out of materials such as polyethylene (PE) or polypropylene (PP), in particular translucent PE/PP, will accelerate gel formation and result in a significantly reduced storage stability.

Storage of this resin outdoors in translucent plastic totes may reduce the storage stability to only a few weeks. AOC cannot assume responsibility for gel formation under these storage conditions.

### SAFETY

See the 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, 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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