

## 200 SERIES WAXED

### DESCRIPTION

The 200 series waxed is a pre-promoted, isophthalic gel coat developed for the fiberglass industry.

### FEATURES AND BENEFITS

- Good viscosity / thixotropy balance.
- Sagging resistance.
- Free of residual tack.
- 200-A-001 is sky blue, 200-A-002 is strong blue, and 200-B-020 is white.

### APPLICATIONS

- Manufacture of FRP Parts, General purpose (processes where it is required to cover the fiberglass laminate).

### TYPICAL LIQUID PROPERTIES

Property	Units	200-A-001	200-A-002	200-B-020	Test Method
Brookfield viscosity <sup>2</sup>	Cps.	18000 - 20500			TARQ – 300
Thixotropic index <sup>3</sup>	-----	6 - 8			TARQ – 300
Gel time <sup>1</sup>	Minutes	8 – 12			TARQ – 400
Color DE	-----	0 – 0.45	0 - 1	-----	TARQ – 590
Color DL	-----	0.1 – 0.45	-----	-----	TARQ – 590

<sup>1</sup> 1.8% Butanox M-50 @25°C; <sup>2</sup> RVF, spindle # 4, 4 rpm @25°C; <sup>3</sup> RVF, spindle # 4, 2 / 20 rpm @25°C.

NOTE: Tests results compared with the reported in certificate can be affected due to: batch age, temperature, moisture, type and amount of catalyst, testing equipment and method.

## RECOMMENDATIONS

- 1.- The catalyst level should not exceed 2.8% or fall below 1% for proper cure.
- 2.- These products should not be used when temperature conditions are below 16°C, as curing and handling may be adversely affected.
- 3.- Before use:
  - Mix once a day for 10 minutes, starting from the edges towards the center of the drum with the least possible turbulence.
  - Avoid air assistance, this is not effective and may cause water or oil contamination.
  - Avoid over-mixing, due to potential filler separation and increased tendencies to sag.

- 4.- Film should be sprayed in at least three passes, for a total film thickness of 18 to 22 mils (wet).  
NOTE: Films less than 12 mils may not cure properly; films above 24 mils may pre-release, generate porosity or cracks.
- 5.- Brushing is not recommended, because it causes uneven thickness.
- 6.- Do not add any material different to the catalyst recommended for these products.
- 7.- Do not mix organic peroxides with metallic soaps, amines or any type of accelerators or promoters, because it can result on violent decomposition with fire or explosion.
- 8.- Any additional questions, please contact your Reacciones Químicas SA de CV sales representative.

## **STORAGE**

Uncatalyzed 200 series waxed gel coats have a usage life of 45 days from invoice date, when stored at 25°C or below, in closed, opaque, factory sealed containers, and out of direct sunlight, heat sources or moisture. If ordered in IBC totes, shelf life is only 30 days when stored at 25°C or below, in closed, factory sealed containers, and out of direct sunlight, heat sources or moisture. For every 7°C increase in storage temperature, the shelf life is reduced by one half.

## **SAFETY AND HANDLING**

Detailed information for safe handling of 200 series waxed gel coats, can be found on its SDS. For more information, please contact your Reacciones Químicas SA de CV sales representative.

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