

150-B-005

DESCRIPTION

The 150-B-005 is a pre-accelerated, isophthalic white gel coat developed for the fiberglass industry.

FEATURES AND BENEFITS

- Good viscosity / thixotropy balance.
- Fast cycle of curing.

APPLICATIONS

- Manufacture of FRP Part, General purpose.

TYPICAL LIQUID PROPERTIES

Property	Units	Min	Max	Method
Brookfield Viscosity ²	Cps	11,000	13,500	TARQ-300
Thixotropic Index ³	--	5	7.5	TARQ-300
Gel Time	Minutes	8	12	TARQ-400

¹ 1.8% Butanox M-50 @25°C; ² RVF, spindle # 4, 4 rpm @25°C; ³ 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-. This product 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 prerelease, 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 this product.

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 150-B-005 has 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 150-B-005 can be found on its SDS. For more information, please contact your Reacciones Químicas SA de CV sales representative.

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