

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.

APLICACIONES

- Manufacture of FRP Part, General purpose.

Property	Units	Min	Max	Test method
Brookfield viscosity ²	Cps	11,000	13,500	TARQ-300
Thixotropic Index ³	—	5	7.5	TARQ-300
Gel Time ¹	Minutes	8	12	TARQ-400

¹ 1.8% butanox M50 @ 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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