

PMS-7106

DESCRIPTION

The PMS-7106 is a pre-promoted, low viscosity, unsaturated polyester resins.

FEATURES AND BENEFITS

- Permits highest filler loading reducing cost.
- Fast production cycles.
- Excellent green strength time

APPLICATIONS

- Manufacture of countertops, tabletops and vanities by continuous process.

TYPICAL LIQUID PROPERTIES FEATURES AND BENEFITS

| Property | Units | Min | Max | Test Method |
|-----------------------------------|-------------------|-------|-----|-------------|
| Acid number (Solution) | mg KOH / g sample | — | 25 | TARQ-100 |
| Non-volatile content | % | 65 | 70 | TARQ-200 |
| Brookfield viscosity ² | Cps | 200 | 250 | TARQ-300 |
| Gel Time ¹ | Minutes | 8 | 13 | TARQ-405 |
| Interval | Minutes | 4 | 7 | TARQ-405 |
| Exothermic Peak | °C | 155 | 190 | TARQ-405 |
| Appearance | — | Clear | — | Visual |
| Stability at 120°C | Hours | 1.5 | — | TARQ-660 |

¹ 1.25% de Butanox M-50 @ 25°C; ² LVDV-E, spindle #2, 60 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. Do not add any material different to the catalyst recommended for this product.
4. 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.
5. Any additional questions, please contact your Reacciones Químicas SA de CV sales representative.

STORAGE

Uncatalyzed PMS-7106 resin, has a usage life of three months from invoice date, when stored at 25°C or below, in a closed, factory sealed opaque 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 PMS-7106 resin, can be found on its SDS. For more information, please contact your Reacciones Químicas SA de CV sales representative.

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