

## PMS-7104

### DESCRIPTION

The PMS-7104 is a pre-promoted, low viscosity, hybrid, unsaturated polyester resins. Whose manufacture uses at least 10% recycled materials, such as polyethylene terephthalate.

### FEATURES AND BENEFITS

- Permits highest filler loading reducing cost.
- Moderately long production cycles.

### APPLICATIONS

Manufacture of countertops, tabletops and vanities by manual process.

### TYPICAL LIQUID PROPERTIES

Property	Units	Min.	Max.	Test Method
Acid number (Solution)	Mg KOH/g sample	-----	25	TARQ – 100
Non-volatile content	%	63	-----	TARQ – 200
Brookfield viscosity <sup>2</sup>	Cps	200	250	TARQ – 300
Gel time <sup>1</sup>	Minutes	7	10	TARQ – 400
Interval	Minutes	Report		TARQ – 400
Exothermic Peak	°C	150	180	TARQ – 400
Stability	Hours	1.5	-----	TARQ - 660
Appearance	-----	Opalescent		Visual

<sup>1</sup> 0.15% Co (al 12%), 1.5% Butanox M-50 @ 25°C; <sup>2</sup> 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-7104 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-7104 resin, can be found on its SDS. For more information, please contact your Reacciones Químicas SA de CV sales representative.

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