

PMS-695 / PMS-6952 / PMS-7000 / PMS-7005

DESCRIPTION

The PMS-695, PMS-6952, PMS-7000 and PMS-7005 are pre-promoted, medium viscosity, unsaturated polyester resins.

FEATURES AND BENEFITS

- Low color on finished parts.
- Good green strength time.
- Appropriate viscosity.

APPLICATIONS

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

TYPICAL LIQUID PROPERTIES

Property	Units	PMS-695	PMS-6952	PMS-7000	PMS-7005	Test Method
Acid Number (Solution)	Mg KOH / g sample	35 max	35 max	35 max	35 max	TARQ-100
Non-volatile content	%	67 - 70	67 - 70	69 - 72	70 - 74	TARQ-204
Brookfield Viscosity	Cps	1400-1600 ²	1400-1600 ²	2200-2400 ²	2200-2400 ²	TARQ-300
Gel Time	Min	10 - 15 ¹	22 - 26 ¹	17 - 21 ³	17 - 21 ³	TARQ-400
Cure Time	Min	20 - 25	Report	28 - 37	28 - 37	TARQ-400
Peak Exotherm	°C	150 max	150 max	150 max	150 max	TARQ-400
Color	--	STD	STD	Blue	Blue	TARQ-604
Appearance	--	Clear	Clear	Clear	Clear	VISUAL
Stability at 120°C	Hours	1.5 Min	1.5 Min	1.5 Min	1.5 Min	TARQ-660

¹ 1% Butanox M-50 @ 25°C; ² RVT, spindle #3, 50 rpm @ 25°C; ³ 1.25% Butanox M-50 @25°C; ⁴ LVDV-E, spindle #3, 12 rpm @25°C

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-695, PMS-6952, PMS-7000 and PMS-7005 resins, have 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-695, PMS-6952, PMS-7000 and PMS-7005 resins, can be found on its SDS. For more information, please contact your Reacciones Químicas SA de CV sales representative.

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