

PMS-695 / PMS-6952 / PMS-7000

DESCRIPTION

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

FEATURES AND BENEFITS

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

APLICACIONES

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

TYPICAL LIQUID PROPERTIES FEATURES AND BENEFITS

Property	Units	PMS-695	PMS-6952	PMS-7000	Test method
Acid Number (Solution)	mg KOH / g sample		35 max.		TARQ-100
Non-volatile content	%	67 - 70		69 - 72	TARQ-204
Brookfield viscosity	Cps	1400-1600 ²		2200-2400 ⁴	TARQ-300
Gel Time	Minutes	10 - 15 ¹	22 - 26 ¹	17 - 21 ³	TARQ-400
Cure Time	Minutes	20 - 25	Report	28 - 37	TARQ-400
Peak Exotherm	°C	150 max.			TARQ-400
Color	-----	STD		Blue	TARQ-604
Appearance	-----	Clear			Visual
Stability at 120°C	Hours	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 and PMS-7000 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 and PMS-7000 resins, can be found on its SDS. For more information, please contact your Reacciones Químicas SA de CV sales representative.

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