

PCP-9652

DESCRIPTION

The PCP-9652 is a pre-promoted, hybrid, low viscosity, unsaturated polyester resins.

FEATURES AND BENEFITS

- Good wet out properties
- Short cycles of production.
- Quick release of bubble in matrix.

APPLICATIONS

Polymer concrete

TYPICAL LIQUID PROPERTIES

Property	Units	Min.	Max.	Test Method
Acid number (solution)	Mg KOH/g sample		35 max	TARQ-100
Non-volatile content	%	60	62	TARQ-204
Brookfield viscosity ²	Cps	90	120	TARQ-300
Gel Time ¹	Minutes	12	16	TARQ-400
Cure Time ¹	Minutes	19	25	TARQ-400
Exothermic Peak ¹	°C	155	175	TARQ-400
Appearance	---	Opalescent		Visual
Stability at 120°C	Hours	1.5	---	TARQ-660

¹1.5% 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. These products 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 these products.
4. Do not mix organic peroxides with metallic soaps, amines or any type of accelerators or promoters, because it can result in a violent decomposition with fire or explosion.
5. Any additional questions, please contact your Reacciones Químicas SA de CV sales representative.

STORAGE

Uncatalyzed PCP-9652 resin, have a usage life of three months from invoice date, when stored at 25°C or below, in a closed, opaque, factory sealed container, 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 on the safe handling of the PCP-9652 can be found on its SDS. For more information, please contact your Reacciones Químicas SA de CV sales representative.

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