

PPL-3214

DESCRIPTION

The PPL-3214 is a pre-promoted, medium viscosity, unsaturated polyester resins.

FEATURES AND BENEFITS

- Good wet out properties.
- Fast cycle of curing.
- Low color

APPLICATIONS

Translucent sheets 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	%	57	61	TARQ – 200
Brookfield viscosity ²	Cps	150	200	TARQ – 300
Gel time ¹	Minutes	25	29	TARQ – 400
Interval	Minutes	7	13	TARQ – 400
Exothermic Peak	°C	160	200	TARQ – 400
Stability	Hours	1.5	-----	TARQ - 660
Appearance	-----	Clear		Visual

¹ 1% Butanox M-50a @ 25°C; ² RVT, spindle #2, 20 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 PPL-3214 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 PPL-3214 resin, can be found on its SDS. For more information, please contact your Reacciones Químicas SA de CV sales representative.

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