

PUG-735

DESCRIPTION

The PUG-735 is an un-promoted, non-thixotropic, unsaturated polyester resin.

FEATURES AND BENEFITS

- Good wet out/roll out properties.
- High flexibility.
- Low color.
- Low exothermic temperature

APPLICATIONS

- Manufacture of decorative figures, where high flexibility is required in final pieces.

TYPICAL LIQUID PROPERTIES

Property	Units	Value min.	Value max.	Test Method
Acid number (Solution)	Mg KOH/g sample	—	35 max	TARQ – 100
Non-volatile content	%	74	76	TARQ – 200
Gardner viscosity	—	V	X	TARQ – 310
Gel time ¹	Min.	7	10	TARQ – 400
Cure time	Min.	25	35	TARQ – 400
Exothermic Peak	°C	—	100	TARQ – 400
Stability at 120°C	Hours	1	—	TARQ – 660
Apha color	—	—	70	TARQ – 610
Appearance	—	Clear		Visual

¹ 0.25% Co (12%), 1% Butanox M-50 @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 PUG-735 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 PUG-735 resin, can be found on its SDS. For more information, please contact your Reacciones Químicas SA de CV sales representative.

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