

## PMC-3958

### DESCRIPTION

PMC-3958 is an unpromoted, high viscosity, NPG-Isophthalic unsaturated polyester resin.

### FEATURES AND BENEFITS

- Good wet out properties.
- Fast cure rate.
- Resistance weathering.

### APPLICATIONS

- Compression, Pultrusion and Hand Lay Up process.

### TYPICAL LIQUID PROPERTIES

Property	Units	Min	Max	Method
Acid Number (solution)	Mg KOH/g sample	8	16	TARQ-100
Non-Volatile, Content	%	63	66	TARQ-200
Brookfield Viscosity <sup>2</sup>	Cps	2000	2600	TARQ-300
Gel Time <sup>1</sup>	Minutes	4	5.5	TARQ-800
Cure Time <sup>1</sup>	Minutes	5	6.5	TARQ-800
Exothermic Peak <sup>1</sup>	°C	226	238	TARQ-800
Appearance	--	Clear	Clear	Visual
Stability at 120°C	Hours	1	--	TARQ-660
APHA Color	--	--	200	TARQ-610

<sup>1</sup>2% BPO (PASTE 50%) @82°C; <sup>2</sup>LVDV-E, spindle #3, 30 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 PMC-3958 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 PMC-3958 resin, can be found on its SDS. For more information, please contact your Reacciones Químicas SA de CV sales representative.

## DISCLAIMER AND LIMITATION OF LIABILITY

To the best of our knowledge, the information contained herein is accurate. The products sold hereunder shall meet Seller's applicable specifications at time of shipment. Seller's specifications may be subject to change at any time without notice to the Buyer. Buyer must give Seller notice in writing of any alleged defect covered by warranty (together with all identifying details, included the product code(s), description and date of purchase) within thirty (30) days of the date of shipment of the product or prior to the expiration of the shipment's quality life, whichever comes first. **THE WARRANTY DESCRIBED HEREIN SHALL BE IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.** The Buyer's sole and exclusive remedy against Seller shall be for the replacement of the product or refund of the purchase price in the event that a defective condition of the product should be found to exist by the Seller. **NO OTHER REMEDY (INCLUDING, BUT NOT LIMITED TO, INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR LOST PROFITS, LOST SALES, INJURY TO PERSON OR PROPERTY, OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE TO THE BUYER.** The sole purpose of this exclusive remedy shall be provided Buyer with replacement of the product or refund of the purchase price of the product if any defect in material or workmanship is found to exist. This exclusive remedy shall not be deemed to have failed its essential purpose so long as Seller is willing and able to replace the defective products or refund the purchase price. Final determination of the suitability of the mater.