TAP Plastics

High-Strength ISOPHTHALIC Polyester Resin

TAP HIGH-STRENGTH ISOPHTHALIC POLYESTER RESIN is a thixotropic, medium viscosity, wax-free resin with excellent heat and chemical resistance.

CHARACTERISTICS:

- Corrosion Resistant
- Temperature Resistant
- Solvent and Fuel Resistant
- Low Viscosity/Superior Wet-Out
- Thixotropic/Minimum Sag
- Meets MIL-R-7575C
- Meets FDA 177.2420 Title 21 Requirements

TYPICAL PROPERTIES AT 75°F:

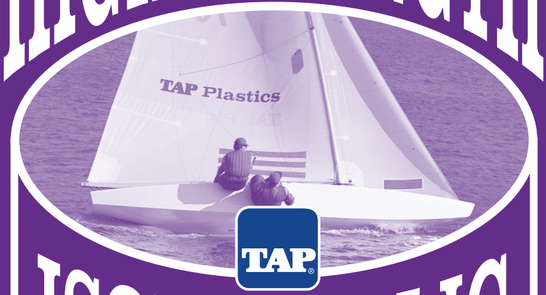
- Gel Time: 13 to 17 minutes
- Viscosity CPS: 500 to 600

WARRANTY

TAP products are manufactured to quality specifications, however they should be tested to determine their suitability for your application. Since we have no control over working conditions or methods, our liability does not exceed the value or replacement of this product. TAP Resin products are guaranteed for six months from date of purchase or nine months from code date on container.

Rev. 4

HIGH-STRENGTH



ISOPHTHALIC POLYESTER RESIN

- Excellent Corrosion and Heat Resistance
- Blister Resistance • Thixotropic
- FDA Acceptable

WARNING: Flammable!
Skin sensitizer and eye irritant.
See CAUTIONS on side panel.

Net 1 Gallon • 128 fl oz

Use With MEKP Catalyst

Quality Products Since 1952

TAP Plastics Inc. San Leandro, CA 94577

the fantastic plastic place • tapplastics.com

TAP Plastics

High-Strength ISOPHTHALIC Polyester Resin

WARNING: Flammable!
Skin Sensitizer and Eye Irritant.
KEEP OUT OF REACH OF CHILDREN.

CAUTIONS: Keep away from heat, sparks, and open flame. Repeated skin contact may cause irritation. Can cause eye irritation. Avoid breathing vapors.

WARNING: Use of this product will expose you to chemicals known to the State of California to cause cancer.

FIRST AID:

EYES • Flush with clean, lukewarm water for at least 15 minutes, occasionally lifting eyelids. Obtain medical attention.

SKIN • Remove contaminated clothing. Wash affected skin areas thoroughly with soap and water. Wash clothing before reuse.

INGESTION • Keep person warm, quiet, and get immediate medical attention. Do not induce vomiting, because of aspiration hazard.

INHALATION • Remove to fresh air. Apply artificial respiration or administer oxygen, if necessary. Call a physician immediately.

Visit us at: tapplastics.com

YOU WILL NEED

- MEKP Catalyst
- Brushes
- Suitable Paint or Pigment
- Replacetone to Clean Hands
- Finish Coat Resin or Surface Curing Agent
- Gloves
- TAP Filler
- Mixing Containers
- Mat Roller, Squeegee
- Acetone to Clean Tools
- Stir Sticks

INSTRUCTIONS:
Read CAUTIONS before starting project. All preparation must be completed before mixing catalyst to assure maximum working time. Do not work in direct sunlight. Apply only in dry weather above 60°F and below 90°F.

Surface Preparation: Surfaces must be clean, dry, free of wax, grease, oil, and any other foreign matter. Remove all paint. Do not use heat or paint removers containing wax to remove paint. Fill cracks, holes, and fair with the appropriate TAP Filler and polyester resin. Old fiberglass surfaces must be abraded before applying new fiberglass.

Mixing Catalyst with Resin: Mix catalyst with resin thoroughly and apply mixture immediately.

Resin	per oz	per pt	per qt
Catalyst	10-15 drops	1/4 oz • 7-8 cc	1/2 oz • 15 cc

Mix only the amount of resin you can apply in approximately 15 min. At higher temperatures (85°F) reduce proportion of catalyst by 20%. At lower temperatures (60°F) increase catalyst by 25%. Do not apply at under 60°F or over 90°F. If longer gel time is desired, prepare test sample with reduced quantities of catalyst.

Applying Resin: Apply the catalyzed resin to surface being glassed. Apply enough resin to penetrate wood and leave resin on the surface. Lay on the glass cloth and squeegee it down tightly to the surface. It is desirable to complete all successive layers as soon as possible. Exposure of the unfinished laminate to sunlight will result in severe secondary bonding problems. After 24 hours of cure, it will become necessary to abrade the laminate to ensure good secondary bonding. Do not allow the laminate to become resin rich. Low fiberglass content and resin puddling should be avoided. To assure good bonding to gel coat, pre-wet the gel coat surface with a thin pass of catalyzed resin prior to lamination. Clean tools with acetone before resin gels.

TAP High-Strength Isophthalic Resin will cure to a tacky surface and will require a final coat with the addition of surface curing agent.

For more information, see TAP Product Bulletin 3 • Introduction to Fiberglassing.

MSDS for TAP High-Strength Isophthalic Polyester Resin available at tapplastics.com