

# DITECH

**DITECH PLASTCO INC.**

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**TECHNICAL BULLETIN**

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**DITECH  
IL-28-80-A**

## **TYPE OF POLYESTER**

**DITECH IL-28-80-A** is a liquid, thixotropic, isophthalic unsaturated polyester resin promoted for polymerization at room temperature.

During storage some separation of the thixotropic agent may occur. It is therefore recommended that the resin be thoroughly mixed prior to its use. This will ensure the application of a homogeneous resin.

## **PRINCIPAL CHARACTERISTICS**

- 1) Excellent wetting of fiberglass rovings resulting in faster rollout and reduced laminate porosity.
- 2) Fast cure with relatively low exotherm provides for quick mold turnover, resulting in higher rates of production.
- 3) Formulated for low styrene emission.
- 4) Non-air-inhibited.
- 5) Good heat and corrosion resistance.

## **TYPICAL PROPERTIES OF LIQUID DITECH IL-28-80-A**

Viscosity, Brookfield RVF at 25° C, Spindle #2 @ 20 rpm .....	550-650 cps
Relative Density .....	1.10 - 1.12
Color .....	pink

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**TYPICAL GEL TIMES OF DITECH IL-28-80-A**

Resin temperature ..... 25° C

Fiberglass weight ..... 900g/square meter (2 x 1.5 oz)

Glass content ..... 30%

Catalyst level (Cadox M-50)	1.0%
Gel time (pot-life)	14-19 min.
Laminate geltime (working time)	16-23 min.
First Barcol (1-10)	60-90 min.

**APPLICATIONS OF DITECH IL-28-80-A**

- 1)The fabrication of reservoirs for corrosive liquids.
- 2)The fabrication of parts which must have a high heat resistance.
- 3)The fabrication of parts which will be in contact with food products or potable water. Approvals of products made with this resin may be obtained from the appropriate Canadian Authority.
- 4)The lamination of boat hulls to eliminate osmotique blistering.
- 5)The fabrication of moulds.

**CORROSION RESISTANCE**

For special applications consult your technical representative.