

DITECH

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TECHNICAL BULLETIN

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DITECH GELCOAT SERIES 92

DESCRIPTION

DITECH SERIES 92 GELCOATS are liquid, thixotropic, vinyl ester resin coatings prepared for use in the manufacturing of fiberglass reinforced composites. This gelcoat provides greater physical properties including impact and thermal shock resistant as well as heat and corrosion resistance required in certain construction applications. Gelcoats in this series have been promoted for application and polymerization at ambient temperatures.

During storage some separation may occur. It is therefore recommended that the gelcoat be thoroughly mixed prior to its use to ensure the application of a homogeneous product.

PRINCIPAL CHARACTERISTICS

- 1) Excellent spray pattern resulting in reduced gelcoat porosity.
- 2) Rheological properties result in excellent leveling and sag resistance minimizing porosity.
- 3) Exhibit excellent resistance to acids, alkalis and many solvents.
- 4) Optimize performance by applying gelcoat at an ambient and material temperature between 22°C and 35°C.

TYPICAL PROPERTIES OF LIQUID DITECH SERIES 92

Viscosity, Brookfield RVF at 25° C, (Spindle #4 @ 2 rpm)..... 23,000-28,000 cps

Relative Density..... 1.12-1.32

Colour..... As required

TYPICAL GELTIMES OF DITECH SERIES 92

Gelcoat temperature 25° C
Ambient temperature..... 25° C

Catalyst (Cadox L-50)	1.0%
Gel time (pot-life 100g.)	8-13 min.
Tack Free (thick 20 mils)	50-70 min.

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