

Technical Data Sheet (TDS)

TAF UP-1500 ET

Unsaturated Polyester Resin "UPR"

TAF Marble Resin 1500



DESCRIPTION

A new generation Unsaturated Polyester Resin specially formulated for cultured marble applications. It is an economical resin with high filler capacity and superior wetting property, showing less tendency to crack than conventional polyesters. Promoted and diluted in Styrene monomer, inhibited for long shelf life, flexible, with good impact resistance and resistant to sanitary chemicals. Offers rapid gel and cure.



APPLICATIONS

- **Bath Tubs & Wash Basins:** Cultured marble and sanitary ware products.
- **Kitchen Countertops:** Artificial marble and surface casting.
- **IndustrialCasting:** General industrial casting applications.
- **Exposed Surfaces:** Clear sanitary grade resin for finished surfaces.



PROPERTIES

Property	Value
Appearance	Pale Bluish Liquid
Viscosity @ 25°C (Brookfield, Sp.3, 20 rpm)	1100 ± 100 cps
Specific Gravity @ 20°C	1.13 – 1.14 g/cc
Acid Value	25 ± 5 mgKOH/g

Non-Volatile Matter	68 – 70 %
Gel Time @ 30°C (1.5% Butanox M-50)	10 – 20 min

TAF UP-1500 ET Can be adjusted based on the customer's request

SHELF LIFE & STORAGE

- **Shelf life:** 3 months from the date of manufacture when stored under recommended conditions.
- **Storage Conditions:** Store in securely closed containers at 15–25°C, not exceeding 30°C. Keep away from direct sunlight and moisture to avoid premature gelling and turbidity.

PACKING OPTIONS

- 20 MT Tanker
- 1000 kg IBC Tank
- 225 kg Metallic Drum
- 25 kg, 10 kg, and 5 kg containers



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