

Technical Data Sheet (TDS)

TAF UP-1800 ET

Unsaturated Polyester Resin "UPR"

TAF Marble Resin 1800



DESCRIPTION

TAF-1800 AT is a new generation Unsaturated Polyester Resin specially formulated for cultured marble applications. It is a reactive and rigid casting resin with good mechanical properties, excellent filler wetting, and high filler loading capacity. It is a promoted resin diluted in Styrene monomer, inhibited for long shelf life. The resin offers good impact resistance, flexibility, resistance to sanitary chemicals, and provides rapid gel and cure.



APPLICATIONS

- Bath tubs
- Wash basins
- Kitchen countertops
- Artificial marble
- Industrial casting applications



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-1800 ET Can be adjusted based on the customer's request



SHELF LIFE & STORAGE

- Store below 30°C (preferably 15–25°C) in sealed containers.
- Protect from moisture and direct sunlight.
- Guaranteed shelf life: 3 months under recommended conditions.



PACKING OPTIONS

- 20 MT Tanker
- 1000 kg IBC Tank
- 225 kg Metallic Drum
- 25 kg / 10 kg / 5 kg packs



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