

**IM3500
Special Impregnation
Resin**

Changes are characterized by a marginal vertical line

This sheet supersedes the one dated: December 17th 2009

Description: Cross linking mixture of mono- and polyfunctional methacrylic monomers with low viscosity and excellent washability

Physical data of liquid resin:

Appearance: colourless to slight yellow, fluorescent on demand
Smell: Pleasant smell like ester
Flash point: 102 °C (DIN 51758)
Boiling point: ca. 250°C at 1013 mbar
Viscosity at 20°C: 10 ±1 mPas
30 ±1s Zahn Cup No 1

Density at 20°C: 1.068 ±0.005g/ml
Vapour pressure at 20°C: 0.1 mbar
Washability: Excellent
Solubility in water: soluble at 20°C
Storage conditions: Non-catalyzed: 12 months at max. 35°C
Catalyzed: 12 months (*) at max. 25°C
Modifications through metals, alkalis, peroxides and direct sunlight.
(*) in original packaging; do not keep under inert gas
Gel time at 90°C: 2 - 7 minutes; recommended 0.15% catalyst (catalyzed with min 0.1 and max 0.2%)

Physical data of hardened resin:

Appearance: Clear plastic with or without some cracks. Fluorescent execution to retrieve the plastic in the porosity of the castings using an UV-lamp.
Temperature range: -50°C to +180°C
Short time up to +220°C

All information is given without obligation. Our general business terms and conditions apply.