

An acrylic copolymer dispersion.

SOLVENT COMPOSITION

Demineralized water

SPECIFICATIONS

Non-Volatiles: 22 - 26 %

ISO 3251, *STM 001G*

Viscosity flowcurve C&P (23°C, 500 s⁻¹): 0.15 - 0.45 Pa.s

STM 012E

Viscosity flowcurve C&P (23°C, 1 s⁻¹): 20 - 45 Pa.s

STM 012E

Acid value (as such): 5.5 - 7.5 mg KOH/g

ISO 3682, *STM 303A*

TYPICAL PROPERTIES

Density: approx. 1.03 kg/dm³

DIN 53217

REMARKS

STM: allnex method of determination (available on request).

STM 001G: spreading agent is demineralized water. Use a paper clip to spread out.

STM 012E: first neutralize according STM 011E. Then measure: method 4, measure profile 3.

STM 016A: Malvern Autosizer, in a mixture of buffer solution pH = 8 / butyl glycol (7/1, w/w).

The determination of flash point is not applicable.

TECHNICAL FEATURES

Pseudo-plastic after neutralization, good aluminium orientation, good atomization, insoluble in organic solvents, excellent stability.

APPLICATION

Metallic and solid colour waterborne base coats for the automotive OEM industry.

STORAGE CONDITIONS

SETAQUA 6803 should not be stored at temperatures below 0 °C or above 35 °C. Avoid exposure to direct sunshine and prevent freezing.

SHELF LIFE

Standard shelf life is 180 days from the date of manufacturing, but may be extended based upon retesting by allnex Quality Control.