

A water borne polymer dispersion.

SOLVENT COMPOSITION

Demineralized water

SPECIFICATIONS

Non-Volatiles: 39 - 41 %

ISO 3251, *STM 001G*

pH: 4.0 - 6.0

STM 007A

TYPICAL PROPERTIES

Viscosity Brookfield: max. 10 cPa.s

ISO 2555, *STM 012F*

MFFT: min 90 °C

ASTM D 2354, *STM 087A*

Particle size: approx 75 nm

STM 016A

Density: approx 1.04 kg/dm³

DIN 53217

TECHNICAL FEATURES

SETAQUA 6301 is a hard polymer dispersion to be used as an additive in waterborne lacquers to improve hardness and drying speed. SETAQUA 6301 also improves block-resistance, sandability and stackability at addition levels of 10-20 wt%.

Addition of SETAQUA 6301 increases the need for coalescing solvents. Addition of higher levels than 20 wt% needs permanent plasticizers to ensure proper film formation.

APPLICATION

Air-drying interior and exterior clear and pigmented primers and finishes for the industrial wood coatings markets.

STORAGE CONDITIONS

SETAQUA 6301 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 365 days from the date of manufacturing, but may be extended based upon retesting by allnex Quality Control.

REMARKS

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

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

STM 012F: Brookfield viscosity: 23 °C, Spindle 1, 60 rpm.

The determination of flash point is not applicable.