

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/dm<sup>3</sup>

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.