SETAQUA® 6802

Technical Datasheet

TYPE

An acrylic copolymer dispersion.

SOLVENT COMPOSITION

Demineralized water

SPECIFICATIONS

Non-Volatiles:	22 - 26 %
ISO 3251, *STM 001G*	
Particle size:	180 - 260 nm
STM 016A	
Viscosity flowcurve C&P (23°C, 1 s^{-1}):	50 - 80 Pa.s
STM 012E	
Viscosity flowcurve C&P (23°C, 500 s^{-1}):	0.30 - 0.50 Pa.s
STM 012E	
Acid value (as such):	3.5 - 5.2 mg KOH/g
ISO 3682, *STM 303A*	
pH:	6.0 - 8.0
STM 007A	

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 procedure 4. Then measure according profile 3, interval 6, at 1 and 500 s^{-1}.

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 and vehicle refinish.

STORAGE CONDITIONS

SETAQUA® 6802 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.
For products still in allnex possession allnex may extend the expiration date of a batch upon re-testing by QC.

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