



TECHNICAL DATA SHEET

Setaqua 6802

An acrylic copolymer dispersion (37-6802)

General description:

Setaqua 6802 is a waterborne acrylic copolymer dispersion suitable for OEM metal or plastic basecoats. This resin provides good metal orientation, good atomization, excellent stability and insolubility in organic solvents. Setaqua 6802 is pseudoplastic after neutralization.

Technical features:

1. Good metal orientation and atomization
2. Excellent stability
3. Insoluble in organic solvents

Suggested uses:

1. Metallic and solid color water borne basecoats for the automotive OEM market
2. Metallic basecoats for plastic substrates

Delivery form: 24% n.v. in demineralized water

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight.	24 ± 2	%	SDM 1 – 1
Viscosity, Clearbase (77°F, 1s ⁻¹):	50 - 80	Pa.s	STM 012K
Viscosity, Clearbase (77°F, 500s ⁻¹):	0.3 – 0.5		
Acid value (as such)	3.5 - 5.2	mg KOH/g	SDM 5 – 1
pH	6.0 – 8.0		SDM 8 – 1

* SDM/ STM: Nuplex Resins/ Nuplex Resins by methods of determination (available on request)

Density: 8.35 lbs./gal
Particle size: 215 nm
Non-Volatile, by vol.: 23.8%

Not on DSL Inventory

Updated: October, 2010

All information, recommendations and suggestions, concerning the product and its use, are believed to be reliable. However, Nuplex Resins gives no assurance as to the accuracy, completeness, or adequacy for a particular purpose. It is the user's responsibility to determine the suitability for its own use of the products. No guarantee (whether expressed or implied) is made by Nuplex Resins as to the results to be obtained from using the described products, nor shall Nuplex Resins be liable for any use by others of the described products. Users are responsible for ensuring compliance with local legislation and obtaining the necessary certifications and authorizations. All orders are subject to the general conditions of sale of Nuplex Resins, which are printed overleaf and/or can be downloaded from www.nuplexresins.com. All of user's general terms and conditions are herewith deemed rejected. Nuplex Resins owns all copyrights and other intellectual property rights in the contents of this document. Reproduction or redistribution in any form is not allowed.