



TECHNICAL DATA SHEET

Setalux 10-1310

A hydroxyl functional acrylic microgel
(European number: Setalux 1850 SA-50)

General description:

Setalux 10-1310 microgel is low in viscosity, has very good application properties and has excellent yellowing resistance. Setalux 10-1310 is a higher flashpoint version of Setalux 10-1300.

Technical features:

1. Excellent application and sag resistance properties
2. Excellent outdoor durability and yellowing resistance
3. Good flexibility and chemical resistance properties

Suggested uses:

1. High solids metallic and solid color automotive OEM and Car Refinish basecoats.
2. Alternative for Setalux C-1801 SS-53 YA / SA-53 (acrylonitrile containing microgel)

Delivery form: 50% non-volatile in aliphatic hydrocarbons / n-butanol (82/18 pbw)

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	50 ± 1.0	%	001G
Viscosity, (23°C) @ 250 s ⁻¹	0,020 - 0,170	Pa.s	012J
Acid value, as such	1.5 maximum	mg KOH/g	303A
Acid value, on n.v.	3.0 maximum	mg KOH/g	041A
Fineness	15 µm maximum	micron	024A

* SBM: Nuplex Resins by methods of determination (available on request)

Density: 7.59 ± 0.10 lbs./gal

HEW on n.v: 350

Flash point: 73°F Setaflash

Non-volatile, by vol

39.2%

On DSL Inventory

Updated: January, 2007

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.