



TECHNICAL DATA SHEET

Setal 46-6306

A water-soluble polyester resin
(European name: Setal 6306 SS-60)

General description:

Setal 46-6306 is a water-soluble polyester resin, after neutralization, for waterborne OEM basecoat applications. Setal 46-6306 provides good pigment wetting properties, good stabilization of aluminum pigments, and improves film formation and flow.

Technical features:

1. Good stabilization of aluminum pigments
2. Good pigment wetting
3. Improves film formation and flow

Suggested uses:

1. Waterborne basecoats for the automotive OEM market
2. Waterborne basecoats in wet-on-wet systems for car refinishing

Delivery form: 60% n.v. in butyl cellosolve

Typical properties:

| Property | Value | Units | Method * |
|---|-----------------|----------|----------|
| Non-volatile, by weight. | 60 ± 1 | % | 1 – 1 |
| Viscosity, (77°F, 100s ⁻¹): | 1.3 – 2.7 | Pa.s | 2 – 2 |
| Acid value (as such) | 23.6 – 27.5 | mg KOH/g | 5 – 1 |
| Color | 6 max | Gardner | 3 – 1 |
| Appearance | Clean and clear | | 7 – 1 |

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

Density: 8.68 ± 0.10 lbs./gal
Flash point: 143.5 °F Setafash
Non-volatile, by vol.: 53.8%

Hydroxyl value: 90 mg KOH/g

On the DSL Inventory

Updated: May, 2009

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.

Louisville, Kentucky Location :
E. St. Louis, Illinois Location:

4730 Crittenden Drive, Louisville, KY 40209
2904 Missouri Avenue, East St. Louis, IL 62205

Tel. 800-873-5410
Tel. 800-300-4203

Fax. 502-375-5477
Fax. 502-375-5477