



## TECHNICAL DATA SHEET

### Setal 21-1482

High solids soya alkyd modifying resin

#### General description:

Setal 21-1482 is a high solids soya alkyd modifier used in bake coatings requiring increased crosslink density coupled with improved storage stability. In some instances this resin allows the decrease or elimination of strong acid catalysts. As a result, moisture-, humidity- and corrosion-resistance will be improved.

#### Technical features:

1. Will help meet VOC requirements of 3.0 # and below
2. Assists development of good hardness, cure and adhesion
3. Superior metal wetting properties, flow, levelling and recoat

#### Suggested uses:

1. Industrial baking enamels for metal; metal office furniture enamels
2. Single coat metallic bake finishes
3. Enhanced pigment wetting and substrate telegraph resistance

**Delivery form:** 80% n.v. in sec-butyl alcohol / xylene (54/ 46 pbw)

#### Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	80 ± 2.0	%	1 – 1
Viscosity (77°F)	Z3 – Z5	Gardner-Holdt	2 – 1
Color	6 maximum	Gardner	3 – 1
Acid value, on n.v.	45 – 55	mg KOH/g	5 – 1
Appearance	clean, clear and free from extraneous matter		7 – 1

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

Density: 8.90 ± 0.10 lbs./gal  
Reduced viscosity: O – S @ 65% in xylene  
Flash point: 74°F TCC  
Non-volatiles, by vol.: 74.4%

*On DSL Inventory*

**Updated:** January, 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](http://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.