



## TECHNICAL DATA SHEET

### Setal 11-1135

Short oil non-oxidizing alkyd resin

#### General description:

Setal 11-1135 is a short oil coconut alkyd designed primarily for use in conversion varnishes, conversion sealers and cellulose nitrate lacquers.

#### Technical features:

1. Fast set and catalyzed cure in conversion systems
2. Very pale color suitable for clear lacquers, conversion varnishes and pastel bake enamels
3. Good lacquer hardness development for optimum print resistance
4. Contributes to good flow and film clarity

#### Suggested uses:

1. Excellent choice for acid cure varnishes and sealers
2. Use where initial color and color retention are of prime importance
3. Use in lacquers or conversion varnishes requiring very fast set times

**Delivery form:** 60% non-volatile in toluene / xylene (85/ 15 pbw)

#### Typical properties:

Property	Value	Units	Method *
Non-volatiles, by weight	60.0 ± 1.0	%	1 - 1
Viscosity	Y - Z <sub>1</sub>	Gardner-Holdt	2 - 1
Color	3 maximum	Gardner	3 - 1
Acid value, on solids	12 maximum	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: 8.70 ± 0.05 lbs./gal HEW on n.v. = 370

Reduced viscosity: K - N @ 50% n.v. in toluene

Flash point: 45°F Setaflash

Non-volatiles, by vol.: 52.1%

*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](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.