



TECHNICAL DATA SHEET

Setal 51-1116

Short oil non-oxidizing alkyd resin

General description:

Setal 51-1116 is a low HAPS/ VOC short oil coconut alkyd designed for use in non-lifting cellulose nitrate lacquers, conversion varnishes and baking enamels.

Technical features:

1. Very pale color suitable for lacquers, conversion varnishes, whites and pastels
2. Good lacquer hardness development for optimum print resistance
3. Contributes to good flow and film clarity
4. Low HAPS and VOCs

Suggested uses:

1. Excellent choice for lacquers, enamels and acid cure varnishes
2. Use where initial color and color retention are of prime importance

Delivery form: 50% non-volatile in PCBTF/ xylene (92/ 8 pbw)

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	50.0 ± 1.0	%	1 – 1
Viscosity	Z – Z2	Gardner-Holdt	2 – 1
Color	2 maximum	Gardner	3 – 1
Acid value, on n.v.	10 maximum		5 – 1
Appearance	clean, clear and free from extraneous matter		7 – 1

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

Density: 10.25 ± 0.10 lbs./gal HEW on n.v. = 430
Reduced viscosity: L – P @ 40%n.v. in PCBTF
Flash point: 80°F Setaflash
Non-volatile, by vol.: 52.4%

Not on DSL Inventory

Updated: July, 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.