



TECHNICAL DATA SHEET

Setal 11-1184

A non-drying, short oil alkyd resin based on synthetic fatty acids
(European name: Setal 84 XX-70)

General description:

Setal 11-1184 is a short oil non-drying alkyd based upon synthetic fatty acids and designed for use in general industrial wood and metal finishes of ambient cure, force cure and baking types.

Technical features:

1. Exhibits good durability, excellent color retention and good film build
2. Very versatile resin for use in ambient, force cure (~180° surface temperature) and bake systems
3. Excellent initial bulk color and color retention in both bulk and films
4. May be used for coatings applied by spray, coil coat or roller coat

Suggested uses:

1. Baking enamels, auto enamels, enamels for domestic appliances
2. Clear and pigmented acid curing nitrocellulose wood finishes
3. Clear and pigmented polyurethane lacquers
4. Roller coatings for baking systems (250-320°F), especially overprint varnishes.
5. Coil-applied coatings

Delivery form: 69% non-volatile in xylene

Typical properties:

Property	Value	Units	Method *
Non-volatiles, by weight	69 ± 1.0	%	1 – 1
Viscosity (77°F)	Z1 - Z3	Gardner-Holdt	2 – 1
Color	2 maximum	Gardner	3 – 1
Acid value, on solids	9 ± 3	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 HEW, on n.v. = 560
Flash point: 80°F Setaflash
Non-volatiles, by vol.: 61.9% *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.