



TECHNICAL DATA SHEET

Setal 16-1084

A flexible coil-coat polyester resin

General description:

Setal 16-1084 is a saturated coil-coat type polyester resin for use in thermoset coatings with a high order of post-cure and cold crush flexibility.

Technical features:

1. Excellent gloss and color retention even after over-bake in excess of 450°F
2. Good adhesion to metal substrates
3. Zero -T flexibility
4. Low HAPs

Suggested uses:

1. Packaging coatings
2. Primers and base coats needing the utmost in flexibility
3. Container coatings requiring flexibility and post-formability

Delivery form: 70% non-volatile in butyl cellosolve/ xylene (90/ 10 pbw)

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	70.0 ± 1.0	%	1 – 1
Viscosity (77°F)	Z2 – Z4	Gardner-Holdt	2 – 1
Acid value, on n.v.	12 maximum	mg KOH/gm	5 – 1
Color	4 maximum	Gardner	3 – 1
Appearance	clean, clear to slightly hazy; free from extraneous matter		7 – 1

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

Density: 9.00 ± 0.10 lbs./gal. HEW on n.v.: 1370
Reduced viscosity: S – V @ 60% in xylene
Flash point: 149°F TCC
Non-volatiles, by vol.: 63.9%

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. 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.