



## TECHNICAL DATA SHEET

### Setal 26-1610

Very high-solids linear polyester resin

#### General description:

Setal 26-1610 is a saturated polyester resin designed for use in high-solids, high performance coatings for exterior exposure. When crosslinked with suitable resins (melamines or poly-isocyanates) and properly cured, this resin provides films that are hard, flexible, possess good gloss retention and chemical resistance.

#### Technical features:

1. Forms hard films with good gloss properties
2. Outstanding film hardness coupled with good flexibility
3. Good humidity and chemical resistance

#### Suggested uses:

1. Flexibilizing resin for aerospace use
2. VOC compliant high gloss enamels with superior durability and gloss retention
3. Heavy-duty, chemical resistant maintenance coatings

**Delivery form:** 98% n.v. in toluene

#### Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	98.0 ± 1.0 (theoretical) 90.0 min. (actual)	%	1 – 1
Viscosity (77°F)	Z3 – Z5	Gardner-Holdt	2 – 1
Color	3 maximum	Gardner	3 – 1
Acid value, on n.v.	3 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: 8.80 ± 0.10 lbs./gal HEW on n.v.: 250  
Flash point: >200°F Setaflash  
Non-volatile, by vol.: 97.6%

*Not on DSL Inventory*

**Recommended Storage Conditions:** This product must be stored at 85°F to maintain its clarity. If stored below room temperature, the product may become hazy. If this occurs, warm to 85°F and agitate until clear. This will not affect the performance of the product,

**Updated:** March, 2011

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.