



## TECHNICAL DATA SHEET

### Setalux 57-1277 Thermoplastic acrylic resin solution

#### General description:

Setalux 57-1277 is a low HAPs/ lower VOC fast-dry thermoplastic acrylic resin solution supplied in Aromatic 100 and dimethyl carbonate. This resin solution may be utilized in various clear or pigmented air-dry or force-dry general industrial finish coats. The dry speed, compatibility, durability and non-yellowing characteristics of Setalux 57-1277 make it a very suitable choice for use in a broad range of coatings.

#### Technical features:

1. Low HAPs and lower VOC coatings possible
2. Excellent general purpose fast air-dry or force-dry resin for industrial or refinish use
3. May be utilized for clear or pigmented coatings

#### Suggested uses:

1. Durable, non-yellowing resin for general coatings and refinish usage
2. Very well suited for fast-dry, durable aerosol coatings

**Delivery form:** 50% non-volatile in dimethyl carbonate/ Aromatic 100 (50:50 pbw)

#### Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	51.0 ± 1.0	%	1 – 1
Viscosity (77 °F)	Z3 – Z5	Gardner-Holdt	2 – 1
Color	50 maximum	APHA	3 – 5
Acid value, on n.v.	5 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: 8.60 ± 0.10 lbs./gal  
Flash point: 61°F Setaflex  
Non-volatiles, by vol.: 47.4%

*On DSL Inventory*

**Updated:** January, 2013

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.