



TECHNICAL DATA SHEET

Setalux 27-1460 A hydroxyl-functional acrylic polyol

General description:

Setalux 27-1460 is a hydroxyl-functional acrylic polyol for 2K vehicle refinish clear coats and industrial topcoats. Coatings formulated with Setalux 27-1460 exhibit good overall performance properties. Key properties include fast dry, high build and gloss, good mechanical properties, good chemical resistance and good outdoor durability.

Technical features:

1. Ability to formulate very low VOC coatings
2. Excellent gloss, DOI and overall appearance properties
3. Fast cure and good pot-life
4. Excellent flow and leveling

Suggested uses:

1. Two-component clear coats and solid colors for vehicle refinish
2. Two-component industrial topcoats

Delivery form: 74% non-volatile in MAK / t-butyl acetate/ methyl acetate (38/38/24 pbw)

Typical properties:

Property	Value	Units	Method *
Non-volatile, by wt.	74.0 ± 1.0	%	1 – 1
Viscosity	Z5 max	Gardner	2 – 1
Acid value (on n.v.)	6 - 10	mg KOH/g	5 – 1
Color	50 maximum	APHA	3 – 2
Appearance	clean, clear and free from extraneous matter		7 – 1

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

Density: 8.85 ± 0.10 lbs./gal HEW on n.v. = 400
Flash point: 5°F Setaflash
Non-volatile, by vol.: 67.9%

On DSL Inventory

Updated: January, 2010

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.