



TECHNICAL DATA SHEET

PRELIMINARY

Setalux 27-1741

An acrylic polyol

General description:

Setalux 27-1741 is a low VOC hydroxy functional acrylic resin designed for use with aliphatic isocyanate resins in two-component systems. It is designed to be used for high quality 2K vehicle refinish clearcoats and high end industrial topcoats. Key properties include excellent flow and leveling, excellent gloss, DOI and very good exterior durability.

Technical features:

1. Ability to formulate very low VOC coatings
2. Excellent gloss and DOI
3. Excellent flow, leveling and appearance
4. Good flexibility and chemical resistance properties

Suggested uses:

1. Two-component clearcoats and solid color topcoats for vehicle refinish
2. Solid color topcoats and clearcoats for plastic substrates
3. Industrial high performance topcoats for transportation or construction equipment

Delivery form: 75% non-volatile in methyl acetate/ EEP/ PM acetate (53/ 25/ 22 pbw)

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	75 ± 1.0	%	1 – 1
Viscosity (77°F)	Z3 – Z5	Gardner-Holdt	2 – 1
Acid value (on n.v.)	10.0 ± 2.0	mg KOH/g	5 – 1
Color	30 maximum	APHA	3 – 2
Appearance	clean, clear and free from extraneous matter		7 – 1

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

Density: 8.75 ± 0.10lbs./gal. HEW on n.v. 470
Flash point: 14°F Setafash
Non-volatiles, by vol.: 72.2%

Not on DSL Inventory

Updated: May, 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. 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.