



TECHNICAL DATA SHEET

Setalux 27-1026

An acrylic polyol

General description:

Setalux 27-1026 acrylic polyol provides ease of coating application, good adhesion and good flexibility when crosslinked with aliphatic isocyanates. Coatings formulations with this resin exhibit superior flow, gloss, gloss retention, corrosion resistance and other high performance properties.

Technical features:

1. Very good application properties, gloss and DOI
2. Good durability and gloss retention
3. Good resistance properties and low VOC coatings at 3.5 lb. / 420 gm. or less

Suggested uses:

1. Varnishes and clearcoats for wet-on-wet systems
2. Topcoats for steel and maintenance uses
3. High gloss one-coat metallic finishes for Car Refinish and industrial applications

Delivery form: 80% non-volatile in methyl n-amyl ketone

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	80 ± 2	%	1 – 1
Acid value, on solids	4.5 – 6.0	mg KOH/g	5 – 1
Viscosity (77°F)	Z2+ - Z4+	Gardner–Holdt	2 – 1
Color	2 maximum	Gardner	3 – 1
Appearance	bright, clear and free from extraneous matter		7 – 1

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

Density: 8.70 lbs./gal
Reduced viscosity: R – U at 70% n.v. in n-MAK
Flash point: 102°F Setaflash
Non-volatile, by vol.: 79.7%

HEW on solids: 480
On DSL Inventory

Updated: September, 2008

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.