



TECHNICAL DATA SHEET

Setalux 17-1246 Thermoplastic acrylic resin solution

General description:

Setalux 17-1246 is a fast-dry thermoplastic acrylic resin solution which provides an excellent balance of hardness, adhesion and film toughness together with clarity and transparency. Setalux 17-1246 may be utilized in a broad range of clear or pigmented air-dry or force-dry general industrial finish coats. Setalux 17-1246 can be blended with other thermoplastic acrylic resins to adjust those resins to the balance of properties required.

Technical features:

1. Excellent adhesion to various untreated substrates
2. Produces tough, flexible coatings
3. Good resistance to yellowing from over-baking

Suggested uses:

1. Durable clear and pigmented industrial coatings
2. Can be used as a modifier. Good compatibility with vinyl, CAB, nitrocellulose and epoxy resins.

Delivery form: 40% non-volatile in PM acetate/ toluene/ xylene (48/ 28/ 24 pbw)

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	40.0 ± 1.0	%	1 – 1
Viscosity (77°F)	W – Y	Gardner-Holdt	2 – 2
Color	100 maximum	APHA	3 – 2
Acid value, on n.v.	2 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)

Reduced viscosity: E – H @ 30% in toluene
Density: 8.40 ± 0.10 lbs./gal
Flash point: 45°F Setaflash
Non-volatiles, by vol.: 33.8%

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. 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.