



TECHNICAL DATA SHEET

Setal 16-1169

Branched chain saturated polyester polyol
(European name: Setal 169 SS-67)

General description:

Setal 16-1169 is a branched chain saturated polyester polyol resin intended for crosslinking with melamines or aliphatic poly-isocyanates in coatings requiring good exterior durability and excellent solvent or chemical resistance.

Technical features:

1. Excellent solvent and chemical resistance
2. Excellent flow and appearance
3. Excellent color retention and good exterior durability
4. Excellent resistance to Skydrol

Suggested uses:

1. Industrial topcoats where a high order of chemical and solvent resistance is required
2. Automotive quality coatings with excellent gloss retention
3. Aromatic polyisocyanates may be used for very fast drying systems

Delivery form: 67% non-volatile in n-butyl acetate / xylene (94 / 6 pbw)

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	67.0 ± 1.0	%	1 – 1
Viscosity (77°F)	Z1 - Z3	Gardner	2 – 1
Color	300 maximum	APHA	3 – 3
Acid value, on n.v.	4 maximum	mg KOH/gm	5 – 1
Appearance	clean, clear and free from extraneous matter		7 – 1

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

Density: 9.00 ± 0.10 lbs./gal HEW on n.v.= 200
Flash point: 78°F Setaflash
Non-volatiles, by vol.: 59.6%

On DSL Inventory

Updated: January, 2007

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.