



TECHNICAL DATA SHEET

Setal 16-1173

A saturated polyester resin
(European name: Setal 173 VS-60)

General description:

Setal 16-1173 is a top quality saturated polyester resin used in thermoset coatings for automotive finishing systems. This resin possesses good hardness, very good adhesion, flexibility and good resistance properties.

Technical features:

1. High order of hardness, adhesion and flexibility
2. Excellent flow, appearance and application properties
3. Good chemical and water resistance

Suggested uses:

1. Automotive paint systems of metallics, solid colors and primers
2. Basecoats for wet-on-wet metallic repair systems
3. Automotive primer-surfacers

Delivery form: 60% non-volatile in Aromatic 100 / propylene glycol methyl ether / xylene
Ratio of solvents: 83 / 10 / 7 pbw

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	60.0 ± 1.0	%	001G
Viscosity (77°F)	1.1 – 1.8	Pa• s	012J
Acid value, on solution	3.5 – 6.1	mg KOH/gm	303A
Color	100 maximum	APHA	008F
Appearance	clean, clear to slight haze; free from extraneous matter		017A

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

Density: 8.66 ± 0.10 lbs./gal. HEW on solids 800
Flash point: 91 °F Setaflash
Non-volatiles, by vol.: 52.5% *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.