



TECHNICAL DATA SHEET

Setal 10-1600

A saturated polyester resin, modified with sag control agent
(European number: Setal 90173 SS-50)

General description:

Setal 10-1600 is a sag control agent modified polyester resin that allows application of higher solids coatings with improved rheology. This resin also offers good CAB compatibility, good metallic effects, improved adhesion and flexibility.

Technical features:

1. Excellent sag resistance
2. Excellent flow and stabilization properties
3. Good drying properties

Suggested uses:

1. Automotive OEM basecoats, clearcoats and solid color topcoats
2. Car Refinish basecoats
3. Industrial stoving systems

Delivery form: 50% non-volatile in Aromatic 100 / xylene / propylene glycol methyl ether
Ratio of solvents: 55 / 39 / 6 pbw

Typical properties:

Property	Value	Units	Method *
Non-volatile, by weight	49 - 52	%	001G
Fineness	19	microns	024A
Viscosity (77°F)			012E
at 100 1/s	350 – 650	cps	
at 1 1/s	10000 – 30000	cps	
Amine content	9 maximum	meq. NH/kg	040A

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

Density:	8.10 ± 0.10 lbs./gal	HEW on n.v.	650
Flash point:	80°F Setaf flash		
SCA content:	3.8 – 4.2%%		
Non-volatile, by vol	42.7%		On DSL Inventory

Updated: September, 2010

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