



Product Data Sheet Urakyd™ SY876

Solvent free hydroxy functional polyester

Applications

- car refinsh
- industrial top coats

Principal properties

- improves flexibility
- improves adhesion to metals
- blending resin for:
 - * increasing solid content
 - * lowering viscosity
 - * lowering VOC

Dilutability

n-Butyl acetate	complete
1-Methoxy 2-propyl acetate	complete
Xylene	complete
Solvesso 100 ¹⁾	almost complete
n-butanol	limited

Compatibility

Polyisocyanate (aliphatic, aromatic, cycloaliphatic)	complete
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<u>Main resin/Urakyd SY876</u>	90/10 (on solids)
Uracron CY841 E-75	complete
Uracron CY474 E-70	complete
Uracron FH36 E-75	complete
Uracron CY433 XE-60	complete
Uracron CY450 S1E-65	complete
Uracron CY463 E-50	complete
Uracron CY472 E-57	complete
Urakyd AN600 X-60	complete
Urakyd AN620 X-70	complete
CAB381-2 ²⁾ (20% in ButAc)	limited
CAB531-1 ²⁾ (20% in ButAc)	limited

<u>Modifying resin/Urakyd SY876</u>	95/5 (on solids)
Urakyd AK418 X-60	complete
Urakyd AN620 E-70	complete

Delivery form

100% solids

Product specifications

Property	Range	Unit	TM
Viscosity, 23°C	1.0 - 1.5	Pa.s	2013
Color, APHA	0 - 200	APHA	2017
Appearance	clear	-	2265
Acid value, on solid	0 - 3	mg KOH/g	2401

Other product data

Property	Range	Unit	TM
Density, 23°C	ca. 1060	kg/m ³	2160
Flash point	>100	°C	2800
Hydroxyl content, on solid	ca. 7.6	%	2432

Test methods

Test methods (TM) referred to in the tables are available on request.

Storage guidelines

The resin should be stored indoors in the original, unopened and undamaged containers in a dry place at storage temperatures between 5°C and 30°C. Exposure to direct sunlight should be avoided.

Shelf life

Under the stipulated storage conditions, the anticipated shelf-life is 365 days from last quality control date, as stated in the Certificate of Analysis.

Material safety

A material safety data sheet of the product is available on request.

¹⁾ Exxon

²⁾ Eastman

