



Product Data Sheet Urakyd™ AN640 E-75

Medium oil alkyd resin based on non yellowing oil fatty acids

Applications

- Industrial wood coatings:
- clear and pigmented, medium solid acid curing furniture lacquers
- cellulose nitrate topcoats

Principal properties

- non yellowing
- reactivity
- through hardening
- flexibility
- solids content
- high build

Dilutability

Xylene	complete
n-Butyl acetate	complete
Methyl ethyl ketone	complete
n-Butanol	insoluble
White spirit	insoluble

Compatibility

Long oil alkyd resins	complete
Medium oil alkyd resins	complete
Rosin based esters	limited
Cellulose nitrate	limited
Cellulose acetate butyrate	limited
Linseed stand oil 30 dPa.s	incompatible

Recommendations on formulation and use

Urakyd AN640 E-75 is solved in n-butyl acetate and therefore suitable for systems low in aromatics.

Delivery form:

ca. 75% in butyl acetate

Product specifications

Property	Range	Unit	TM
Viscosity, 23°C	40 - 60	dPa.s	2013
Color, Gardner	0 - 2	-	2017
Solids content	74 - 76	%	2025
Appearance	clear - hazy	-	2265
Acid value, on solid	8 - 12	mg KOH/g	2401

Other product data

Property	Value	Unit	TM
Oil length	ca. 47	%	-
Density, 23°C	ca. 1040	kg/m ³	2160
Flash point	ca. 25	°C	2800

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 products is available on request.

Test methods

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

Starting formulations

Starting formulations available on request.

