



Product Data Sheet Urakyd™ NT50 60BAC

Short oil alkyd resin based on synthetic fatty acids

Applications

- furniture finish
- nitrocellulose lacquers
- 2K systems
- stoving enamels

Principal properties

- non yellowing
- reactivity
- through hardening
- flexibility
- broad compatibility

Dilutability

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

Compatibility

Long oil alkyd resins	complete
Medium oil alkyd resins	complete
Rosin based esters	limited
Cellulose nitrate	complete
Cellulose acetate butyrate	limited
Acrylic resins	limited

Test methods

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

Delivery form:

ca. 60% in butyl acetate

Product specifications

Property	Range	Unit	TM
Viscosity, 23 °C	200 - 400	mPa.s	2013
Color, Gardner	max. 3	-	2017
Solids content	59 - 61	%	2025
Appearance	clear	-	2265
Acid value, on solid	2 - 15	mg KOH/g	2401

Other product data

Property	Value	Unit	TM
Oil length	23	%	-
Density, 23 °C	ca. 1040	kg/m ³	2160
OH value	ca. 5	%	2432
Flash point	ca. 22	°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.

