



Product Data Sheet Urakyd™ AD62 Q1-85

High Solid Long-oil alkyd resin

Applications

- VOC 2010 compliant paints
- interior and exterior decorative enamels
- primers and undercoats

Principal properties

- high solids
- good yellowing resistance
- good gloss retention

Dilutability

White spirit	complete
Xylene	complete
Isoparaffinic solvent	complete
n-Butanol	insoluble

Compatibility

Long-oil alkyds	complete
Medium-oil alkyds	limited
Modified alkyds	limited

Recommendations on formulation and use

Compatible with Urakyd long oil alkyds and Urathix thixotropic alkyds.

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 are available on request.

Delivery form:

85% solids in de-aromatized hydrocarbon solvent D60

Product specifications

Property	Range	Unit	TM
Viscosity, 23°C	6.5 - 8.0	Pa.s	2013
Color, Gardner	0 - 6	-	2017
Solids content	84 - 86	%	2025
Appearance	clear	-	2265
Acid value, on solid	4 - 12	mg KOH/g	2401

Other product data

Property	Value	Unit	TM
Oil length	ca. 70	%	-
Type of oil	mixed	-	-
Density, 23°C	ca. 980	kg/m ³	2160
Flash point	ca. 60	°C	2800

Drier system

For proper drying characteristics it is recommended to use (weight % metal on solid resin):

Cobalt drier	0.05 - 0.06%
Calcium drier	0.1 - 0.2%
Zirco drier	0.3 - 0.5%

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.

