



# Product Data Sheet

## Urakyd™ AD60 Q1-89

### 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 product is available on request.

#### Test methods

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

#### Delivery form:

89% solids in de-aromatized hydrocarbon solvent D60

#### Product specifications

Property	Range	Unit	TM
Viscosity, 23°C	2.5 - 3.0	Pa.s	2013
Color, Gardner	0 - 8	-	2017
Solids content	88 - 90	%	2038
Appearance	clear	-	2265
Acid value, on solid	4 - 12	mg KOH/g	2401

#### Other product data

Property	Value	Unit	TM
Oil length	ca. 75	%	-
Type of oil	mixed	-	-
Density, 23°C	ca. 990	kg/m <sup>3</sup>	2160
Flash point	ca.73	°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.

