



# Product Data Sheet Urakyd™ ECO62 Q1-85

## Low Carbon Footprint High Solid long-oil alkyd resin

### Applications

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

### Principal properties

- low Carbon Footprint
- high solids
- good yellowing resistance
- good gloss retention

### Dilutability

De-aromatized White spirit            complete  
Isoparaffinic solvent                    complete

### Compatibility

Long-oil alkyds                            complete

### Carbon Footprint

	Urakyd AD62 Q1-85	Urakyd ECO62 Q1-85
Raw materials	3.96	1.74
Energy and utilities	0.26	0.26
Solvent	0.13	0.13
Transport	0.07	0.10
Total	4.43	2.23
Reduction w/ CFP		50%

### Formulation guidelines

Please download our brochure at [www.synres.com](http://www.synres.com):  
“Synres low Carbon Footprint Alkyds for Decorative Coatings”

### 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	max.12	mg KOH/g	2401

### Other product data

Property	Value	Unit	TM
Oil length	ca. 70	%	-
Type of fatty acids	linoleic rich	-	-
Density, 23°C	ca. 980	kg/m <sup>3</sup>	2160
Flash point	ca. 60	°C	2800
Carbon Footprint	2.23	GWP (kg CO <sub>2</sub> eq /kg alkyd resin)	

### 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.

### 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.

