



# Product Data Sheet Urakyd™ AD10 Q-65

## Long-oil alkyd resin based on linseed oil

### Applications

- decorative primers/top coats
- building industry/marine paints

### Principal properties

- brush ability
- outdoor durability
- drying speed
- hardness

### Dilutability

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

### Compatibility

|                            |          |
|----------------------------|----------|
| Long-oil alkyds            | complete |
| Medium-oil alkyds          | limited  |
| Modified alkyds            | limited  |
| Linseed stand oil 30 dPa.s | limited  |
| Rosin maleic resins        | limited  |

### Recommendations on formulation and use

The usual pigments and extenders are used in the paint formulations.

### Drier system

For optimal 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%   |

### Delivery form:

65% solids in de-aromatised solvent D40

### Product specifications

| Property              | Range     | Unit     | TM   |
|-----------------------|-----------|----------|------|
| Viscosity             | 6.5 - 8.5 | Pa.s     | 2013 |
| Color, Gardner        | 3 - 7.5   | -        | 2017 |
| Total solids w/w      | 64 - 66   | %        | 2025 |
| Appearance            | clear     | -        | 2265 |
| Acid value (on solid) | 5 - 10    | mg KOH/g | 2401 |

### Other product data

| Property              | Value     | Unit | TM   |
|-----------------------|-----------|------|------|
| Oil length            | ca. 63    | %    |      |
| Type of oil           | linseed   |      |      |
| Phthalic acid content | ca. 25    | %    |      |
| Density 23°C          | ca. 0.950 | kg/L | 2160 |
| Flash Point CC        | ca. 40    | °C   | 2800 |

### Test methods

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

### Storage guidelines

The resin should be stored indoors in original, unopened, undamaged container in a dry place at storage temperature between 5 - 30 °C. Exposure to direct sunlight should be avoided.

### Shelf life

Under above mentioned storage conditions, the shelf life of the resin will be 365 days ex work.

### Material safety

A Material Safety Data Sheet for this product is available on request.

