

# Technical data sheet

ALBERDINGK®

Linseed Stand Oil 450 dPa s

## Characteristic:

Linseed Standoil according to DIN EN ISO 276 is a drying oil produced solely out of linseed oil by polymerisation at high temperatures.

## Specification:

			According to:
Viscosity acc. to Höppler at 20°C	dPas	450 +- 10%	ISO 12058-1
Acid value	mg KOH/g	4.0 - 12.0	ISO 660
Gardner colour value		3.0 - 8.0	ISO 4630

## Further typical data\*:

			According to:
Saponification value	mg KOH/g	186 - 200	ISO 3657
Refractive index		1.492 - 1.494	ISO 6320
Density at 20°C	g/cm <sup>3</sup>	0.95 - 0.97	ISO 2811-1
Iodine value acc. to Wijs	g Iod/100g	100 - 120	ISO 3961
Flash point	°C	min. 200	ISO 2592
Setting point	°C	ca. -10	

## Applications:

Linseed Stand oil with various viscosities and acid values is used in the production of paints, print-anticorrosive- and aluminium-paints as well as in the production of pigment pastes and brake linings.

## Properties:

Linseed Stand oil, when accelerated by driers (siccatives), exhibits outstanding drying properties, excellent flow and gloss, as well as stability, water resistance and weather resistance. Further its elasticity, good adhesion and pigment wetting must be emphasized. Its rheological properties make it particularly suitable for lithographic inks and air-drying letterpress inks.

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**Storage:**

The storage life can be guaranteed for minimum 12 months in tightly locked containers and at a temperature of + 10 °C up to + 30 °C.

A turbidity of the oil due to coldness is reversible and can be removed by heating up to more than 40 °C.

**Advice:**

Due to the high polymerization degree, skin or gel-particle formation can not be excluded completely even during the shelf life. We suggest to use an anti-skinning agent.

**Safety:**

For further information on product safety please refer to the current safety data sheet.

**Notice:**

\* General information - the values can not be considered as part of the product specification.