

# Technical data sheet

# ALBERDINGK® Refined Linseed Oil Winterized

## **Characteristic:**

Refined linseed oil winterized is a slime free refined oil produced from raw linseed oil, won by a refining process going over the steps of degumming, neutralizing, bleaching and winterization. During the winterization process higher melting triglycerides form crystals which are removed by filtration. Thus the oil remains clear even at low temperatures.

		According to:
mg KOH/g	max. 1	ISO 660
	max. 4	DIN 6271
	max. 4	ISO 4630
g Iod/100g	min. 175	ISO 12966
		According to:
	1.4785 -	ISO 6320
	1.4825	
mg KOH/g	188 - 195	ISO 12966
dPas	0.45 - 0.50	ISO 12058-1
g/cm3	0.926 - 0.933	ISO 2811-3
%	max. 0.1	ISO 8534
	Clear	
	g Iod/100g mg KOH/g dPas g/cm3	max. 4 g Iod/100g min. 175 1.4785 - 1.4825 188 - 195 0.45 - 0.50 g/cm3 0.926 - 0.933 max. 0.1

### **Applications:**

Refined linseed oil winterized is used for the production of oil modified polyester resins (i.e. alkyd resins), stand oils, printing varnishes, maleat and urethane oils in the synthetic resins, coatings and printing ink industry. It also finds application as a binder in pigment pastes.

Latest update	Alberdingk Boley GmbH   Düsseldorfer Str. 53   47829 Krefeld   Germany
14.06.2020	Phone +49 2151 528-0   Fax +49 2151 573643   info@alberdingk-boley.de   www.alberdingk-boley.de
Page 1 of 2	Alberdingk Boley, Inc.   Greensboro, NC, USA   www.alberdingkusa.com
	Alberdingk Resins (Shenzhen) Co.Ltd.   Shenzhen City, P.R. China   www.alberdingkchina.com
	The details contained herein are based on our present state of technology and shall inform on our products and their application possibilities. A lawful binding assurance of certain attributes or the suitability for a concrete operation purpose cannot be derived from thisinformation. Industrial property rights are to be considered if required.



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## **Properties:**

As a triglyceride, refined linseed oil seasonized belongs to the fast drying vegetable oils with a high portion of unsaturated fatty acids - about 50 - 60% linolenic acid, 14 - 18% linoleic acid and 17 - 24% oleic acid. In contact with air, accelerated by driers (siccatives), linseed oil forms hard films with excellent stability and good colour- and gloss-retention.

### Storage:

In tightly closed containers the shelf life is at least 12 months. Even though the oil is frost-resistant and can be transported at very low temperatures, we recommend permanent storage between 0 and +30°C to maintain quality.

#### 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.

Latest update 14.06.2020

Alberdingk Boley GmbH | Düsseldorfer Str. 53 | 47829 Krefeld | Germany Phone +49 2151 528-0 | Fax +49 2151 573643 | info@alberdingk-boley.de | www.alberdingk-boley.de

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