

Technical data sheet

ALBERDINGK® Dehydrated Castor Oil

Characteristic:

ALBERDINGK® Dehydrated Castor Oil is produced by a special process (conversion of the ricinoleic acid in 9.11 - conjugated - and 9.12 - isolated - linoleic acid).

Specification:			According to:
Viscosity acc. to Höppler	dPas	max. 3	ISO 12058-1
at 20°C			
Acid value	mg KOH/g	max. 4	ISO 660
Gardner colour value		max. 5	ISO 4630
Hydroxyl value	mg KOH/g	max. 25	ISO 4629-2
Further typical data*:			According to:
Iodine colour value		max. 6	DIN 6271
Saponification value	mg KOH/g	186 - 195	ISO 12966
Refractive index		1.4820 -	ISO 6320
		1.4860	
at 20°C			
Refractive index at 23°C		1.4809 - 1.4849	ISO 6320
Density at 20°C	g/cm3	0.929 - 0.940	ISO 2811-3
Density at 23°C	g/cm3	0.927 - 0.938	ISO 2811-3
Iodine value	g Iod/100g	mind. 145	ISO 12966

Applications:

It is used in the production of high quality air dried and primarily oven dried coatings and varnishes.

Properties:

property rights are to be considered if required.

ALBERDINGK® Dehydrated Castor Oil is a light, low viscous, non-yellowing and fast drying oil. It improves the gloss, flexibility, adhesion, flow and the chemical and water resistance of the coatings.

Latest update	Alberdingk Boley GmbH Düsseldorfer Str. 53 47829 Krefeld Germany
25.05.2023	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



Technical data sheet

ALBERDINGK® Dehydrated Castor Oil

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.

Remark:

The colour of ALBERDINGK® Dehydrated Castor Oil may darken within the storage time. This is a typical property of Dehydrated Castor Oil which can not be influenced by the production process.

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 25.05.2023

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

Page 2 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 this information. Industrial property rights are to be considered if required.