## ALBERDINGK BOLEY

# Technical data sheet

### **ALBERDINGK**® Blown Castor Oil 45 dPa s

#### **Characteristic:**

Blown castor oil is a polymerized castor oil won by oxidation with atmospheric oxygen in heat.

According to:

#### **Specification:**

Acid value	mg KOH/g max. 11	ISO 660
Gardner colour value	max. 9	ISO 4630

#### Further typical data\*:

Further typical data*:			According to:
Saponification value	mg KOH/g	190 - 205	ISO 3657
Iodine value acc. to Wijs	g Iod/100g	j 70-80	ISO 3961
Refractive index		1.480-1.483	ISO 6320
Density at 20°C	g/cm3	ca. 0.99	ISO 2811-3
Hydroxyl value	mg KOH/g	150-160	ISO 4629-2

#### **Applications:**

Used as a non-volatile and non-migrating plasticizer in appropriate varnish raw materials. Another application sector for blown castor oil is for special hydraulic oils and further - like castor oil - as a polyol component in polyurethane systems.

#### 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.

#### Safety:

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

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	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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#### Notice:

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

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