

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.

Specification:

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

According to:

ISO 660
ISO 4630

Further typical data*:

Saponification value	mg KOH/g	190 - 205
Iodine value acc. to Wijs	g Iod/100g	70-80
Refractive index		1.480-1.483
Density at 20°C	g/cm ³	ca. 0.99
Hydroxyl value	mg KOH/g	150-160

According to:

ISO 3657
ISO 3961
ISO 6320
ISO 2811-3
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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Notice:

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