

Technical data sheet

ALBERDINGK®

Blown Castor Oil 30 dPa s

Characteristic:

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

Specification:

Viscosity acc. to Höppler at 20°C	dPas	30+-10%	According to: ISO 12058-1
Acid value	mg KOH/g	max. 9	ISO 660
Gardner colour value		max. 8	ISO 4630

Further typical data*:

Saponification value	mg KOH/g	190 - 200	According to: ISO 3657
Iodine value acc. to Wijs	g Iod/100g	70-80	ISO 3961
Refractive index		1.480 - 1.483	ISO 6320
Density at 20°C	g/cm ³	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.

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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.