

Technical data sheet

ALBERDINGK® Castor Oil PD

Characteristic:

Castor oil PD is a partially dehydrated castor oil produced in a special process (conversion of the ricinolic acid in 9.11 - conjugated - and 9.12 - isolated - linoleic acid).

Specification:

			According to:
Acid value	mg KOH/g	3.0 - 5.0	ISO 660
Water content	%	0.00 - 0.10	ISO 8534
Iodine colour value		2.0 - 6.0	DIN 6271
Gardner colour value		2.0 - 5.0	ISO 4630
Viscosity acc. to Brookfield cone plate at 25°C, cone 5, 500upm	dPas	4.0 - 8.0	ISO 2884
Hydroxyl value	mg KOH/g	110 - 130	ISO 4629-2

Further typical data*:

			According to:
Density at 23°C	g/cm ³	0.94 - 0.96	ISO 2811-3

Applications:

Castor oil PD is a diol with plasticizing and hydrophobing properties for polyurethane systems, e.g. varnishes, casting resins, foams and moulded components.

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.

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