

## Technical data sheet

## ALBERDINGK® U 4000

### **Characteristic:**

Solvent free, aliphatic polyurethane dispersion

Specification: Solids content	%	27.0 - 29.0	According to: ISO 3251 0.5 g weighed quantity at 105°C
pH- value		8.0 - 9.5	ISO 8534
Viscosity	mPas	20 - 200	ISO 2555, Brookfield RVT Spindle 1/rpm 50/factor 2
Further typical data*:			According to:
ruither typical data .			According to.
MFFT	°C	ca. 0	According to.
	°C g/cm3	ca. 0 1.0 - 1.1	ISO 2811-1
MFFT	•		-
MFFT Density	•		-
MFFT Density Solvent-free	•		ISO 2811-1
MFFT Density Solvent-free Film properties*:	g/cm3	1.0 - 1.1	ISO 2811-1 According to:

### **Applications:**

Highly suited as primer on plastic substrates (e.g. corona treated BOPP). The polymer film can be easily recoated with other materials.

 Latest update
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 21.03.2018
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 Alberdingk Boley, Inc. | Greensboro, NC, USA | www.alberdingkusa.com

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## ALBERDINGK® U 4000

### Storage:

In originally closed containers ALBERDINGK-dispersions are stable when stored at 20°C for 6 months after delivery date. The recommended temperature-range for storage is 5 - 30°C. Freezing or storage at higher temperatures than 30°C, can affect the viscosity or the average particle size and finally lead to a sedimentation or coagulation. A contamination with bacteria, fungi or algae can damage the product irreversibly. The product is only preserved for the transport. For a longer storage time, we recommend to add additional preservative. A warranty for the sterility after storage can not be granted. ALBERDINGK BOLEY GmbH assures that the data mentioned under "specification" are stable for 6 months after delivery date, if the product is stored under the recommended conditions. A longer storage does not mean that the product is not usable anymore, but we recommend to check the specification data before use. A warranty after 6 months of storage can not be given by ALBERDINGK BOLEY GmbH. The product should be stirred well before use.

### **Packaging:**

plastic drums (120 kg) one-way container (approx. 1000 kg) as bulk in tank cars, by agreement.

#### 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.

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