

# Preliminary technical data sheet

## ALBERDINGK® PUR-MATT 300 VP

### Characteristic:

Matt, aliphatic softfeel-polyurethane dispersion.

### Specification:

Solids content	%	41.0 - 43.0	<b>According to:</b> DIN EN ISO 3251 0.5 g weighed quantity at 105°C
pH- value		7.0 - 9.0	DIN ISO 976
Viscosity	mPas	200 - 1800	ISO 1652, Brookfield RVT Spindle 2/rpm 20/factor 20

### Further typical data\*:

MFFT	°C	ca. 10	<b>According to:</b>
Density at 20°C	g/cm <sup>3</sup>	1.0 - 1.1	DIN EN ISO 2811-1
Solvent-free			

### Film properties\*:

Ultimate tensile strength	N/mm <sup>2</sup>	ca. 16	<b>According to:</b> DIN 53455
Elongation at break	%	ca. 750	DIN 53455
E-Modulus	N/mm <sup>2</sup>	ca. 3.0	DIN 53455

### Properties:

- matt film-surface with softfeel haptics
- very good chemical and hydrolysis resistances
- high optical transparency on dark substrates
- OVP` s based on PUR-MATT 300 VP enhance the colour of the print underneath
- flexible film with very high coefficient of friction (antislip properties)
- suitable for 1pack and 2pack applications

### Applications:

Inherent matt polyurethane dispersion which can be used as coating for e.g. plastics or in OPV's.

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### 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.

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 actual material safety data sheet.

### Further information:

Before using please stir the product well.

### Notice:

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