

Technical data sheet

ALBERDINGK® PUR-MATT 300

Characteristic:

Matt, aliphatic softfeel-polyurethane dispersion.

Specification:

Solids content	%	41.0 - 43.0	According to: ISO 3251 0.5 g weighed quantity at 105°C
pH- value		7.0 - 9.0	ISO 976
Viscosity	mPas	200 - 1800	ISO 2555, Brookfield RVT Spindle 2/rpm 20/factor 20

Further typical data*:

MFFT	°C	ca. 10	According to:
Gloss 60°	°	ca. 12	EN ISO 2813 50µm drawdown on glass
Density at 20°C	g/cm3	1.0 - 1.1	ISO 2811-1
Solvent-free			

Film properties*:

Ultimate tensile strength	N/mm2	ca. 16	According to: ISO 527-1
Elongation at break	%	ca. 750	ISO 527-1
E-Modulus	N/mm2	ca. 3.0	ISO 527-1

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

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Applications:

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

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.

Further information:

The product tends to form sedimentation, so it has to be stirred very well before use.

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Notice:

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