

Preliminary technical data sheet

ALBERDINGK® PUR-MATT 940 VP

Characteristic:

,,Hard, ultra-matt, aliphatic polyurethane dispersion.

Specification:Solids content

%
35.0 - 37.0
ISO 3251

0.5 g weighed quantity at

105°C

pH- value 8.0 - 9.0 ISO 976

Viscosity mPas 100 - 1000 ISO 2555, Brookfield RVT

Spindle 2/rpm 20/factor 20

According to:

Further typical data*:

MFFT °C ca. 15

Density at 20°C g/cm3 1.0 - 1.1 ISO 2811-1

Solvent-free

Properties:

- ultra-matt film-surface
- high optical transparency on dark substrates
- hard but flexible film
- very high coefficient of friction (antislip properties)
- excellent sandability
- very good chemical resistance
- very good blocking resistance
- extremely neutral wood warming
- excellent storage stability

Applications:

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

Latest update 18.12.2024

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Alberdingk Boley, Inc. | Greensboro, NC, USA | www.alberdingkusa.com Alberdingk Resins (Shenzhen) Co.Ltd. | Shenzhen City, P.R. China | www.alberdingkchina.com

The details contained herein are based on our present state of technology and shall inform on our products and their application possibilities. A lawful binding assurance of certain attributes or the suitability for a concrete operation purpose cannot be derived from this information. Industrial property rights are to be considered if required.



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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. 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.

Notice:

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

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