



Technical data sheet

ALBERDINGK® PUR-MATT 970

Characteristic:

Hard, matt, aliphatic polyurethane dispersion

Specification:

Solids content % 34.0 - 36.0

pH- value

Viscosity mPas 7.0 - 9.0
20 - 2000

According to:

ISO 3251
0.5 g weighed quantity at 105°C
ISO 976
ISO 2555, Brookfield RVT
Spindle 2/rpm 20/factor 20

Further typical data*:

MFFT °C ca. 15
Gloss 60° max. 11
Density at 20°C g/cm³ 1.0 - 1.1
Solvent-free

According to:

EN ISO 2813
ISO 2811-1

Film properties*:

Ultimate tensile strength N/mm² ca. 32
Elongation at break % ca. 400

According to:

ISO 527-1
ISO 527-1

Properties:

- 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

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Applications:

Inherent matt polyurethane dispersion which can be used as coating for e.g. wood, 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.