

Technical data sheet

ALBERDINGK® U 7800

Characteristic:

Aqueous, anionic, solvent-free dispersion of an aliphatic polyester polyurethane.

Specification:

Solids content % 39.0 - 41.0

pH- value

Viscosity

mPas

7.5 - 8.5

20 - 300

According to:

ISO 3251

0.5 g weighed quantity at 105°C

ISO 976

ISO 2555, Brookfield RVT Spindle 1/rpm 20/factor 5

Further typical data*:

Density g/cm³ ca. 1.05

Solvent-free

MFFT

°C

ca. 0

According to:

ISO 2811-1

Film properties*:

Pendulum hardness (König) s ca. 80

According to:

ISO 1522

Applications:

High-quality single and two-pack wood coatings. Designed for excellent film formation at no/low levels of coalescing agents. The dispersion is therefore highly suitable for low emission coatings. Exhibits very high chemical resistance, excellent clarity on wood as well as good abrasion resistance.

Further information:

The binder can be formulated without addition of coalescents.

Please note, that during drying, the low viscosity might lead to tension-cracks.

A completely formulated lacquer will be free of cracks.

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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.

Notice:

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