

Preliminary technical data sheet

ALBERDINGK® U 475 VP

Characteristic:

Aqueous, colloidal, anionic, low viscous dispersion of an aliphatic polyester-polyurethane without free isocyanate groups.

Specification:

Solids content	%	39.0 - 41.0	According to: DIN EN ISO 3251 0.5 g weighed quantity at 105°C
pH- value		7.5 - 8.5	DIN ISO 976
Viscosity	mPas	50 - 300	ISO 1652, Brookfield RVT Spindle 1/rpm 20/factor 5

Further typical data*:

MFFT	°C	ca. 0	According to:
Density	g/cm ³	ca. 1.05	DIN EN ISO 2811-1
Solvent-free			

Film properties*:

Pendulum hardness (König)	s	ca. 30	According to: DIN EN ISO 1522
Elongation at break	%	ca. 850	DIN 53455
Ultimate tensile strength	N/mm ²	ca. 40	DIN 53455
E-Modulus	N/mm ²	ca. 9.5	DIN 53455

Applications:

High quality coatings for the leather, metal, plastics, paper, textile industry and sport floorings. The film has a very good resistance against water storage.

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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.

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.

Notice:

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