

Preliminary technical data sheet

ALBERDINGK® U 6800 VP

Characteristic:

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

Specification:

Solids content	%	32.0 - 34.0	According to: ISO 3251 0.5 g weighed quantity at 105°C
pH- value		8.0 - 9.5	ISO 976
Viscosity	mPas	20 - 200	ISO 2555, Brookfield RVT Spindle 1/rpm 50/factor 2

Further typical data*:

Density	g/cm ³	ca. 1.04	According to: ISO 2811-1
Solvent-free MFFT	°C	ca. 0	

Film properties*:

Pendulum hardness (König)	s	ca. 45	According to: ISO 1522
Ultimate tensile strength	N/mm ²	ca. 25	ISO 527-1
Elongation at break	%	ca. 500	ISO 527-1
E-Modulus	N/mm ²	ca. 10.0	ISO 527-1

Applications:

Due to it's good adhesion properties, the dispersion is highly suitable for plastics and metal coatings

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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. 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 actual material safety data sheet.

Notice:

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