

Preliminary technical data sheet

ALBERDINGK® U 9190 VP

Characteristic:

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

Specification:

Solids content	%	34.0 - 36.0	According to: DIN EN ISO 3251 0.5 g weighed quantity at 150°C
pH- value		7.5 - 8.5	DIN ISO 976
Viscosity	mPas	20 - 300	ISO 1652, Brookfield RVT Spindle 1/rpm 20/factor 5

Further typical data*:

MFFT	°C	ca. 14	According to:
Density	g/cm ³	ca. 1.05	DIN EN ISO 2811-1
Solvent-free			

Film properties*:

Ultimate tensile strength	N/mm ²	ca. 35	According to: DIN 53455
Elongation at break	%	ca. 120	DIN 53455
Pendulum hardness (König)	s	ca. 130	DIN EN ISO 1522

Applications:

For high-quality two-pack wood and plastic 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.