

Technical Data Sheet

Alberdingk® LUX 286

Characteristic

Alberdingk® LUX 286 is an aqueous, anionic, UV cross-linkable dispersion based on aliphatic polyurethane and acrylic acid ester copolymers. It can be used to formulate clear and pigmented furniture varnishes with very good stain resistances. It is physically drying before UV cure. Dual curing with isocyanates is possible.

Features:

Excellent chemical and stain resistance
Excellent adhesion to multiple substrates
Very good performance in pigmented systems
Solvent free

Specification:

NVW	%	39.0 – 41.0
pH value		7.0 – 8.0
Viscosity	cps	10 - 500

According to:

DIN EN ISO 3251
1.0 g weighed quantity at 105°C
DIN ISO 976
ISO 1652, Brookfield RVT
Spindle 1/rpm 20/factor 5

Further typical data*:

MFFT	°C	approx. 14
Koenig hardness before UV cure	s	approx. 40
Koenig hardness after UV cure	s	approx. 100

Applications:

Furniture
KCMA
General Plastics

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Storage:

In originally closed containers ALBERDINGK-dispersions are stable when stored at 20°C for 6 months. 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 Inc. 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 Inc.

Packaging:

drums (460 lbs)
totes (2205 lbs)
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.