

Technical Data Sheet

AlberdingkUSA® LUX 760

Characteristic

AlberdingkUSA® LUX 760 is an economical solvent-free, hard, aliphatic UV curable polyurethane-acrylic copolymer developed for clear coatings on wood and plastic. It has very good chemical and stain resistance and fast water release.

Features:

Low grain raising
Physically drying before cure
Fast water release
Very good scratch resistance

Specification:

NVW	%	43 – 45.0	According to: DIN EN ISO 3251 1.0 g weighed quantity at 105°C
pH value		7.0 – 9.0	DIN ISO 976
Viscosity	cps	20 - 200	ISO 1652, Brookfield RVT Spindle 1/rpm 20/factor 5

Further typical data*:

MFFT	°C	approx. 0
Koenig hardness before UV cure	s	33
Koenig hardness after UV cure	s	144

Applications:

Clear plastic and wood coatings

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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.