Data sheet

ALBERDINGK® U 6100

Characteristic

ALBERDINGK® U 6100 VP is an aqueous, colloidal, anionic, low viscous dispersion of an aliphatic polyester-polyurethane without free isocyanate groups.

Specification		Method
Solid content (%)	**35.0 - 37.0**	DIN EN ISO 3251
pH-value	**8.0 - 9.0**	DIN ISO 976
Viscosity (mPas)	**20 - 200**	ISO 1652, Brookfield RVT Spindle 1/rpm 50/factor 2

Further Typical data *

MFFT (°C)	**approx. 0**	DIN ISO 2115
Density (g/cm³)	**approx. 1.05**	DIN EN ISO 2811-1
Solvent-free		

Film properties *

Blocking point (°C)	**approx. 130**	
Ultimate tensile strength (N/mm²)	**approx. 40**	DIN 53455
Elongation at break (%)	**approx. 300**	DIN 53455
100 % module (N/mm²)	**approx. 11**	DIN 53455
Pendulum hardness according to König (s)	**approx. 50**	DIN EN ISO 1522

Applications

Very good adhesion on ABS, PC, PVC, PU, PA and PS. Very good pigmentability. Suitable for automotive base coats if combined with acrylic dispersions. Good plasticizer barrier on PVC-foils.

Storage

ALBERDINGK dispersions can be stored at least 6 months from delivery date in tightly closed original containers at 20° C. Temperatures above 30° C shall be avoided. The dispersion has to be protected from cold and storage below 5° C shall be avoided.

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.