

## Preliminary technical data sheet

### ALBERDINGK® PUR-MATT 910 VP

#### **Characteristic:**

Hard, matt, aliphatic polyurethane dispersion.

<b>Specification:</b> Solids content	%	34.0 - 36.0	According to: ISO 3251 0.5 g weighed quantity at 105°C
pH- value Viscosity	mPas	7.0 - 9.0 20 - 2000	ISO 976 ISO 2555, Brookfield RVT Spindle 2/rpm 20/factor 20
Further typical data*:			According to:
MFFT	°C	ca. 15	
Gloss 60°	0	ca. 11	EN ISO 2813
			100µm drawdown on glass
Density at 20°C	g/cm3	1.0 - 1.1	ISO 2811-1
Solvent-free			
Film properties*:			According to:
• •			_
Ultimate tensile strength Elongation at break	N/mm2 %	ca. 32 ca. 400	ISO 527-1 ISO 527-1

#### **Properties:**

- matt film-surface
- high optical transparency on dark substrates
- hard but flexible film
- very high coefficient of friction (antislip properties)
- excellent sandability
- very good chemical resistance
- very good blocking resistance

Latest update 04.11.2020

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The details contained herein are based on our present state of technology and shall inform on our products and their application possibilities. A lawful binding assurance of certain attributes or the suitability for a concrete operation purpose cannot be derived from thisinformation. Industrial property rights are to be considered if required.



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#### **Applications:**

Inherent matt polyurethane dispersion which can be used as coating for e.g. wood, plastics or in OPV's.

#### 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. The product is only preserved for the transport. For a longer storage time, we recommend to add additional preservative. A warranty for the sterility after storage can not be granted. 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 current safety data sheet.

#### **Further information:**

The product tends to form sedimentation, so it has to be stirred very well before use.

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#### **Notice:**

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

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