

# Technical data sheet

## ALBERDINGK® AC 548

### Characteristic:

Aqueous, fine disperse, medium viscous, APEO-free copolymer-dispersion of acrylic and methacrylic acid esters and without plasticizers.

### Specification:

Solids content	%	49.0 - 51.0	<b>According to:</b> ISO 3251 1.0 g weighed quantity at 105°C
pH- value		7.5 - 8.5	ISO 976
Viscosity	mPas	3000 - 6000	ISO 2555, Brookfield RVT Spindle 4/rpm 20/factor 100

### Further typical data\*:

Density	g/cm <sup>3</sup>	1.0 - 1.1	<b>According to:</b> ISO 2811-1
Particle size	µm	ca. 0.06	
MFFT	°C	ca. 13	

### Film properties\*:

Ultimate tensile strength	N/mm <sup>2</sup>	ca. 9	<b>According to:</b> ISO 527-1
Elongation at break	%	ca. 500	ISO 527-1
E-Modulus	N/mm <sup>2</sup>	ca. 2.0	ISO 527-1

### Properties:

Films formed from this dispersion are clear and particular photostable. Films are tackfree with tenacious elasticity around 20° C and with an excellent water- and alkali-resistance.

### Applications:

Universally applicable for indoor and outdoor uses from matt to glossy paints.

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### Applications adhesives:

ALBERDINGK® AC 548 is a hotmelt dispersion with an activation temperature of 70°-90°C. It can be used for foils and textile and foam lamination.

### 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.

### Notice:

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