

# 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.

<b>Specification:</b> Solids content	%	49.0 - 51.0	According to: 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*:			According to:
Further typical data*: Density	g/cm3	1.0 - 1.1	According to: ISO 2811-1
• •	g/cm3 µm	1.0 - 1.1 ca. 0.06	_
Density			_
Density Particle size	μm	ca. 0.06	_
Density Particle size MFFT	μm	ca. 0.06	ISO 2811-1
Density Particle size MFFT  Film properties*:	oC hw	ca. 0.06 ca. 13	ISO 2811-1  According to:

### **Properties:**

Films formed from this dispersion are clear and particular photostable. Films are tackfree with tenacious elasticity around  $20^{\circ}$  C and with an excellent waterand alkali-resistance.

#### **Applications:**

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

Latest update 01.07.2012

Alberdingk Boley GmbH | Düsseldorfer Str. 53 | 47829 Krefeld | Germany Phone +49 2151 528-0 | Fax +49 2151 573643 | info@alberdingk-boley.de | www.alberdingk-boley.de

Page 1 of 2

Alberdingk Boley, Inc. | Greensboro, NC, USA | www.alberdingkusa.com Alberdingk Resins (Shenzhen) Co.Ltd. | Shenzhen City, P.R. China | www.alberdingkchina.com

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.



## Technical data sheet

### ALBERDINGK® AC 548

### **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.

Latest update 01.07.2012

Alberdingk Boley GmbH | Düsseldorfer Str. 53 | 47829 Krefeld | Germany Phone +49 2151 528-0 | Fax +49 2151 573643 | info@alberdingk-boley.de | www.alberdingk-boley.de

Page 2 of 2

Alberdingk Boley, Inc. | Greensboro, NC, USA | www.alberdingkusa.com Alberdingk Resins (Shenzhen) Co.Ltd. | Shenzhen City, P.R. China | www.alberdingkchina.com

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.