

# AQUACER 1061

Emulsion of an ethylene-acrylic-acid copolymer wax for improving the surface characteristics of paper and adhesives.

## Product data

### Composition

Ethylene-acrylic-acid (EAA) copolymer wax emulsion

### Typical properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

|                                       |               |
|---------------------------------------|---------------|
| pH value:                             | 8             |
| Non-volatile matter (60 min, 125 °C): | 30 %          |
| Carrier:                              | water         |
| Melting point (polymer content):      | approx. 90 °C |
| Delivery form:                        | liquid        |

### Storage and transportation

Product shelf life in unopened original packaging: 15 months

Temperature sensitive. To be stored and transported between 5 °C and 35 °C. Stir before use.

## Applications

### Paper coatings

#### Special features and benefits

AQUACER 1061 provides excellent liquid resistance and strong heat seal properties in functional barrier coatings. In certain systems it may offer a reduction in the oxygen transmission. Additionally, it improves the film-forming properties of paper coatings.

#### Recommended levels

5-30 % additive (as supplied) based on the total formulation.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

#### Incorporation and processing instructions

The additive should preferably be mixed well before use to avoid any inhomogeneity. AQUACER 1061 should be added using a low shear rate and preferably before incorporating surface-active substances.

### Adhesives and sealants

#### Special features and benefits

The additive increases the sealability and film-forming properties of aqueous paper and packaging adhesives. Additionally, AQUACER 1061 can improve adhesion in aqueous packaging adhesives in film-laminated

packaging composites. In this application, AQUACER 1061 is a component of the binder with higher application quantities.

### Recommended levels

1-3 % additive (as supplied) based on the total formulation (sealing and film-forming properties).

10-50 % additive (as supplied) based on the total formulation (component of the binder).

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

### Incorporation and processing instructions

The additive can be incorporated at any time at a low shear rate. Mix well before use.



Your local  
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