# 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.



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