

## AQUACER 1055

Dispersion based on an ethylene-acrylic acid-copolymer wax for improving the ink robustness on papers printed using high-speed piezo inkjet systems with aqueous pigment inks.

### Product Data

#### Composition

Non-ionic emulsion of an ethylene-acrylic acid-copolymer wax

#### Typical Properties

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

Non-volatile matter:	35 %
Carrier:	Water
Melting point (wax content):	105 °C
Viscosity (20 °C):	< 500 mPa·s
pH value (20 °C):	9.5

#### Food Contact Legal Status

For the current food contact legal status, please contact our product safety department or visit [www.byk.com](http://www.byk.com) for further information.

#### Storage and Transportation

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

### Applications

#### Inkjet Inks

##### Special Features and Benefits

AQUACER 1055 should be evenly applied to the printed paper surface and subsequently dried using hot air drying. The optimum application level varies depending on the paper used, but is typically in the range of 1.5-4 g/m<sup>2</sup> of wet film thickness based on undiluted dispersion. Ink film robustness properties such as scuff resistance and carbonizing can typically be improved by the application of AQUACER 1055.

##### Recommended Levels

1.5-4 g/m<sup>2</sup> of wet film thickness based on the undiluted dispersion. The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

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Data Sheet  
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Additive Guide



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