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 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^2 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^2 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.

AQUACER 1055

Data Sheet
Issue 01/2018

Additive Guide

BYK-Chemie GmbH
P.O. Box 10 02 45
46462 Wesel
Germany
Tel +49 281 670-0
Fax +49 281 65735

info@byk.com
www.byk.com

This issue replaces all previous versions – Printed in Germany