

AQUACER 501

HDPE-based wax emulsion for aqueous systems to improve surface protection.

Product Data

Composition

Non-ionic emulsion of oxidized HD polyethylene wax

Typical Properties

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

Non-volatile matter (1 h, 125 °C): 35 %

Carrier: Water

Melting point (wax content): 130 °C

Viscosity (23 °C, D=800/s): 25 mPa·s

pH value (20 °C): 9

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. Mix well before use.

Applications

Coatings Industry

Special Features and Benefits

The additive improves the scratch resistance in aqueous systems.

Recommended Use

The additive is recommended for aqueous coatings and printing inks and is especially recommended for leather coatings.

Recommended Levels

1-6 % additive (as supplied) based on the total formulation.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions

The additive should preferably be post-added using a low shear rate. Mix well before use.

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Data Sheet
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Additive Guide



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