

AQUACER 593

Polypropylene-based wax emulsion for reducing the surface slip (anti-slip effect) of aqueous coatings and printing inks.

Product Data

Composition

Non-ionic emulsion of a modified polypropylene wax

Typical Properties

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

Non-volatile matter (60 min., 125 °C): 30 %
Carrier: Water
Melting point (wax content): 160 °C
Viscosity (23 °C, D=800/s): 15 mPa·s
pH value: 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. Stir before use.

Applications

Coatings and Printing Inks

Special Features and Benefits

The additive reduces the surface slip in aqueous coatings, and thus has an anti-slip effect.

Recommended Use

The additive is effective in all types of aqueous coating systems, and is especially recommended for wood and furniture coatings as well as for printing inks and overprint varnishes.

Recommended Levels

3-4 % additive (as supplied) based upon 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 is preferably incorporated into the coating at the end of the production process with a low shear rate. Stir thoroughly before use.

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Data Sheet
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This information is given to the best of our knowledge. Because of the multitude of formulations, production, and application conditions, all the above-mentioned statements have to be adjusted to the circumstances of the processor. No liabilities, including those for patent rights, can be derived from this fact for individual cases.

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