

AQUACER 8025

Emulsion based on HD polyethylene wax for improving surface properties of aqueous coating systems and printing inks.

AQUACER 8025 is only available in USA, Mexico and Canada

Product Data

Composition

Anionic emulsion of an oxidized high density polyethylene wax

Typical Properties

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

Non-volatile matter (ASTM D2834): 25 %
Carrier: Water
Melting point (wax component): 140 °C (284 °F)
Viscosity (25 °C, Brookfield DV-I): < 100 mPa·s
pH value (ASTM E70): 10

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

Keep from freezing. To be stored and transported at a temperature between 5 °C (41 °F) and 35 °C (95 °F).

Applications

Coatings and Printing Inks

Special Features and Benefits

AQUACER 8025 improves slip, abrasion resistance (anti-scuff), mar resistance, offset resistance and is the additive of choice where rapid development of water resistance is required.

Recommended Use

The additive is recommended for aqueous coatings, printing inks and overprint varnishes.

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Recommended Levels

1-2 % additive (as supplied) based upon total formulation for aqueous coatings.

5-10 % additive (as supplied) based upon total formulation for aqueous printing inks.

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 incorporated at the end of the production process at a low shear rate. Mix well before use.



Additive Guide



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