

AQUACER 8517

Aqueous modified LD polyethylene wax emulsion for improved surface characteristics in aqueous coatings and printing inks.

AQUACER 8517 is only available in USA, Mexico and Canada.

Product Data

Composition

Non-ionic emulsion of a modified low 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): 40 %
Carrier: Water
Melting point (wax component): 110 °C (230 °F)
Viscosity (25 °C, Brookfield DV-I): < 500 mPa·s
pH value (ASTM E70): 8.5

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

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

The additive has a hydrophobic effect and improves anti-blocking. It increases surface slip, scratch resistance, abrasion resistance and provides a soft feel effect.

Recommended Use

Architectural coatings	<input checked="" type="checkbox"/>
Wood and furniture coatings	<input checked="" type="checkbox"/>
Printing inks and overprint varnishes	<input checked="" type="checkbox"/>
Leather coatings	<input type="checkbox"/>

☒ especially recommended ☐ recommended

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Recommended Levels

1-2.5 % additive (as supplied) based on the total formulation; in exceptional cases up to 3.5 %.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests. Recoatability and intercoat adhesion is to be verified in multi-layer systems, particularly if high dosages are used.

Incorporation and Processing Instructions

The additive should preferably be incorporated into the coating at the end of the production process at a low shear rate. Mix well before use.



Additive Guide



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