

AQUACER 552

HDPE-based wax emulsion for improved scratch resistance in aqueous coatings and printing inks.

Product Data

Composition

Non-ionic emulsion of an 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 (60 min., 125 °C): 35 %
Carrier: Water
Melting point (wax content): 130 °C
Viscosity (23 °C, D=800/s): 25 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 improves the scratch resistance in aqueous systems.

Recommended Use

Aqueous Coating Systems	<input checked="" type="checkbox"/>
Aqueous Printing Inks	<input type="checkbox"/>

☒ especially recommended ☐ recommended

Recommended Levels

1-6 % additive (as supplied) based upon total formulation in aqueous coatings.

3-14 % additive (as supplied) based upon total formulation in 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 is preferably incorporated into the coating at the end of the production process with a low shear rate. Stir thoroughly before use.