

AQUACER 8075

Emulsion based on an HD polyethylene wax for improving the surface properties of aqueous care products and polishes and water-borne printing ink formulations.

Only available in North America.

Product Data

Composition

APEO-free, non-ionic emulsion based on 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 (1 h, 257 °F): 35 %
Solvents: Water
Melting point (wax content): 275 °F
Viscosity (73 °F, D=800/s): < 100 mPa·s
pH value: 9.5

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

Temperature sensitive. To be stored and transported at a temperature between 5 °C (41 °F) and 35 °C (95 °F).

Applications

Care Products and Polishes

Special Features and Benefits

AQUACER 8075 improves the mechanical resistance, increases filling capacity and produces an anti-slip effect. The above mentioned properties are generated by mixing the product with polymers in a ratio of 3:1 (solid wax to solid polymer). A mixing ratio of 1:6 increases the water- and alcohol-resistance, the protection against heel marks (= foot traffic resistance), and the dirt repellency. AQUACER 8075 is compatible with all known polymer dispersions and plasticizers.

Recommended Use

AQUACER 8075 is recommended for polymer-rich self-shine emulsions and polishes.

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Recommended Levels

2-5 % 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.

Printing Inks

Special Features and Benefits

The additive improves scratch and rub resistance and increases surface slip.

Recommended Use

AQUACER 8075 is suitable for water-borne printing inks.

Recommended Levels

2-5 % additive (as supplied) based on the total formulation.

Incorporation and Processing Instructions

The additive should preferably be added using low-speed agitation. The product should be stirred until uniform before use.



Additive Guide



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