AQUAMAT 272

Matting wax dispersion based on modified PE for aqueous coatings, as well as printing inks and overprint varnishes for improved surface protection.

Product Data

Composition
Dispersion of modified 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):	55 %
Carrier:	Water
Melting point (wax content):	125 °C
Particle size (Hegman):	30 µm
Viscosity (23 °C, D=800/s):	< 500 mPa·s
pH value:	4

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.

Special Note
In opened containers, the additive can dry out on the inner wall of the container. Such dried-out additive residues can lead to defects in the final product, and so the additive must be homogenized and filtered prior to use.

Applications

Coatings Industry

Special Features and Benefits
The additive increases surface protection and has a matting effect.

Recommended Use

Architectural coatings	■
Wood and furniture coatings	■
Industrial coatings	■
Leather finishes	□

■ especially recommended □ recommended

Recommended Levels
1-6 % additive (as supplied) based upon total formulation, depending on the desired degree of matting.

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 well before use.

Printing Inks and Overprint Varnishes

Special Features and Benefits
The additive increases abrasion resistance, and has a matting effect.

Recommended Levels
1-2 % 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 well before use.

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