AQUAMAT 263

Matting wax dispersion based on oxidized HDPE for aqueous coatings, printing inks and overprint coatings to improve surface properties.

Product Data

Composition
Dispersion 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., 257 °F):	35 %
Carrier:	Water/propylene glycol n-butyl ether 12/1
Melting point (wax content):	266 °F
Particle size (Hegman):	25 µm
Viscosity (73 °F, D=200/s):	175 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 between 5 °C / 41 °F and 35 °C / 95 °F. Stir before use.

Special Note
Opened containers may lead to the additive drying out inside the container. Since such dried additive residues can cause defects in the end product, the additive must be homogenized and filtered before use.

Applications

Coatings and Printing Inks

Special Features and Benefits
Improves the abrasion resistance of printing inks. In aqueous coatings it improves the scratch resistance, resistance to black heel marking, anti-blocking and the soft feel effect. The additive has a matting effect.

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Recommended Use

Printing inks	■
Architectural coatings	□
Leather finishes	□

■ especially recommended □ recommended

Recommended Levels

3-6 % additive (as supplied) based upon total formation.

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 at low shear rate. Mix well before use.

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