

# Fennosize™ KD 574 MP

## Sizing agent for paper and board

Fennosize KD 574 MP is an alkylketene dimer (AKD) based wax dispersion for hydrophobation of paper and board.

The product is developed to give efficient, fast and evenly spread sizing in high-quality paper and board in neutral and alkaline processes. Fennosize KD 574 MP is especially well suited for sizing of liquid packaging board.

Due to the high melting point of the wax, the product is also effective in high-temperature process conditions.

### Application

To ensure uniform sizing, we recommend that Fennosize KD 574 MP is added to a point with good mixing. The best performance is achieved by optimizing the dosing individually for each machine.

### Delivery

Fennosize KD 574 MP is delivered by tank lorry or in 1 ton containers.

### Product safety

Please refer to the product safety data sheet for more instructions.

### PRODUCT PROPERTIES

#### Specifications:

Dry content	22.2 ± 0.5%
Viscosity	< 100 mPas, 25°C
pH	3.7 ± 0.5

#### Other properties:

Active ingredient	AKD-wax, 20%
Ionicity	cationic
Density	ca 1000 kg/m <sup>3</sup> , 25°C
Delivered as	wax dispersion

### Storage

The stability of the dispersion decreases with increasing storage time and temperature. Therefore storage in a cool place is recommended, bearing in mind that the product must not be allowed to freeze. Heavy mechanical stress and freezing destroy the dispersion.

The dispersion can be stored for several weeks at room temperature. Storage temperatures above 30°C are not recommended.