

PAPER CHEMICALS KOREA

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Technical Information

ND-2000

DEAERATOR & DEFOAMER

The expected benefits of ND-2000 are as follows.

- (1) Applicable to all kinds of stock in the usual range of pH and at temperature up to about 40°C
- (2) Possible to use recycled water continuously
(Sustaining its efficiency in the water circuit for a long time)
- (3) No side effect on sizing
- (4) Improves overall papermaking process and paper property
- (5) Improves retention and optimal for fiber recovery
- (6) Deaeration by the expanding foam and non-negative effect in papermaking

Characteristics

Chemical Description	Aliphatic Hydroxy Compound
Appearance	Milky white liquid
Specific Gravity	1.00 ± 0.05 (at 20°C)
pH Value	10.0 ± 0.5 (at 20°C)
Solid	30.0 ± 2.0% (105°C, at 2hrs)
Viscosity	Under 500 cPs (at 20°C, Brookfield 60 rpm)
Shelf Life for Storage	12 months (Original sealed packaging & at room temperature)

Applications

Dosage of **ND-2000** is 0.02 ~ 1.0 % wet base of dry stock. Apply into white water tank or silo. Dilute less than 5% and dose continuously.

Safety

ND-2000 does not exert any harmful effects on the health when it is used properly. The attention for handling and the precautions in details are given in MSDS.