

Micropolymer Technology

Retention and Drainage Aid



NALCO WATER'S MICROPOLYMER TECHNOLOGY is a structured polymeric retention and drainage aid used in papermaking applications. This technology enhances productivity and machine efficiency in fine paper, linerboard, bleached board, corrugated medium and tissue and towel grades. This Micropolymer technology improves productivity and sheet quality through the retention of expensive additives and efficient sheet dewatering without destroying formation.

★ **ENHANCES** product quality through uniform fiber mass distribution

✚ **IMPROVES** performance on high shear, high speed machines

✚ **IMPROVES** sheet pressing/drying

✚ **IMPROVES** efficiency of strength additives

↓ **REDUCES** treatment costs and sewer losses

NALCO WATER'S
Micropolymer Technology is
ideal for the production of:



Tissue & Towel



Liner, Bleached and
Corrugated Board



Graphics



Specialty Papers

RESULTS: WHITE TOP LINERBOARD



PRODUCTIVITY

INCREASED ↑
PRODUCTION
by **6-11%**



COSTS

OPTIMIZED
RDF PAPER
MACHINE
ADDITIVES
by **21%**



PROFITABILITY

INCREASED ↑
PROFITABILITY
by **\$805K/yr**

COST SAVINGS
of **\$105K/yr**

eROISM

Nalco Water, an Ecolab Company

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