

## PAPER CHEMICALS KOREA

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*Technical Information*

# MPB

## DRAINAGE & RETENTION AGENT

### The expected benefits of MPB are as follows.

- (1) Faster drainage rate even at highly contaminated wet end
- (2) Continuous clarification of process water and keeping COD of effluents low
- (3) Paper strength improvement
- (4) Fixing rosin size, starch, AKD, ASA and dyes on fibers

### Characteristics

Chemical Description	Cationic Polyacrylamide
Appearance	Clear liquid
Specific Gravity	1.02 ± 0.03 (at 25°C)
pH Value	4.0 ± 1.0 (at 25°C)
Viscosity	Under 20,000 cPs (at 25°C, Brookfield 30 rpm)
Shelf Life for Storage	12 months (Original sealed packaging & at room temperature)

### Applications

It is recommended that **MPB** dosage is about 0.1 ~ 1.0 % on dry stock, and its dosing point can be machine chest, fan pump or screen. It is needed to dilute less than 1% with water and dose via in-line mixer.

### Safety

**MPB** 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.