



# ATO PLUS

## BRIGHTNESS ENHANCER/ BRIGHTNESS REVERSION PREVENTOR

### DESCRIPTION

**ATO PLUS** is a technological breakthrough in the field of mechanical pulping. When **ATO PLUS** is used the brightness of unbleached and bleached pulps is increased without an increase in bleaching chemicals. Following are some of the advantages to be gained from the use of **ATO PLUS** in mechanical pulping:

1. Bleaching effect is achieved with reduced use of bleaching agents.
2. Increase in ISO brightness of up to 2.5 points (CTMP).
3. Reduction in brightness reversion or yellowing.
4. Reduction of bleaching chemicals.
5. Reduction in pitch deposition.
6. Improvements in: pulp washing, drainage, freeness, machine run-ability.
7. Production of a better quality product.
8. Environmentally friendly and non-toxic.
9. Cost effective

### TYPICAL PROPERTIES

Appearance: Yellowish clear solution

Odor: Solvent

Specific gravity ~ 0.90

pH (1% solution) : ~ 7.50

### APPLICATION

**ATO PLUS** can be added into the impregnator, refiner, or latency / machine chest. Dosages: use at 250 ml to 1 L /ADT. The dosages depend on the type of furnish and brightness requirements.