

Fennopol A 8050 R

Retention aid

Fennopol is a polyacrylamide-based poly-electrolyte, which is used to improve fiber and ash retention in papermaking. Fennopol has a synergistic effect in combination with other additives like coagulants and fixation aids.

Application

The Fennopol powder is dissolved in water (dissolving equipment needed) to a 0.3- 0.5% stock solution, which is diluted to about a tenth of its original concentration before dosage to the paper machine. Purified water at 20 - 40°C is recommended for dilution.

Fennopol is normally added just before the head box. The dosage is commonly 100- 500 g/t paper. To achieve maximum efficiency, dosing is recommended after the pressure screens, where the flocks are submitted to a minimum of shearing force.

Delivery

Fennopol is delivered in PE lined paperbags of 20 kg or 500 kg.

Product safety

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

Product properties

Solution viscosity	1000-2200 mPas (0.3 %, 25°C)
Appearance	white, hygroscopic, odorless powder
Chemical composition	polyacrylamide
Ionic character	anionic
Solubility	good
Particle size distribution	< 0.113 mm max. 4 % > 1.32 mm max. 5 %
Specific weight	0.6 – 0.9 kg/dm ³

Storage

Unopened packages can be stored for several years in a dry place. The stock solution can be stored for about one week, and the feed solution for about 24 hours.