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FennoBond™ FP 592

Functional Promoter

FENNOBOND FP 592 resin is a unique chemistry developed by Kemira Research called a Functional Promoter. This versatile product is specially designed to perform critical tasks in towel, napkin and facial grades:

Promotion or improved retention of polyamide wet strength resin
Enhancement of *Functional* performance of the sheet with higher wet strength, dry strength, and improved Wet-Over-Dry
Restoring *Wet End Charge Balance*, especially on machines that run close to or in the cationic range

FENNOBOND FP 592 possesses a tailored level of anionic charge, strength, and chemical structure that allows it to attract and retain polyamide wet strength resin in the sheet. It has been designed to replace dry CMC products cost effectively with the convenience of a pump and go liquid product.

Application

FENNOBOND FP 592 resin is designed to be added after the polyamide wet strength resin at a point of good mixing. It is important that the PAE resin is thoroughly mixed with the stock prior to the addition of the FENNOBOND FP 592 resin. Addition of FennoBond FP 592 to either the thin or thick stock is acceptable, depending upon the polyamide wet strength resin and other cationic additives dosage points and program objective.

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Typical dosage level for the FennoBond FP 592 is 0.1-0.2% on fiber, dry solids basis.

Typical Product Properties

Appearance	Liquid, clear to slightly hazy
Density	1.05 g/cm ³
Solids	12.5 – 14.5 %
pH	4.7 – 5.2
Solubility in water	Complete
Viscosity @ 25C	2,300 – 6,300 cps

Product Safety

Refer to the product safety data sheet for more instructions.

Delivery

All Kemira products are available in a variety of packing options. Please contact your sales representative for assistance.

Storage

Feed equipment for FennoBond FP 592 should be made of 316 stainless steel. 304 stainless steel and mild steel welds should not be used.

FennoBond FP 592 should be handled and stored in corrosion resistant equipment. Keep container closed when not in use. Protect from freezing.

Stir before using.