



BYOCELL YK

BYOCELL YK is a high performance cationic polymer in aqueous solution. Its main function is increasing the wet strength in paper, either in acid or alkaline media, however it is a good aid in drainage and drying of paper. It acts as a cationizing agent and improves the creping in the Yankee drier.

Properties

<i>Appearance:</i>	Slightly amber liquid
<i>pH :</i>	3.0 – 5.0
<i>Solubility in water:</i>	Miscible
<i>Freezing point:</i>	-1.65 °C
<i>Boiling point:</i>	100 °C
<i>Shelf life:</i>	3 months

Applications

BYOCELL YK is highly effective to increase the wet strength of toilet paper, facial tissue, napkins, towels, corrugated, bag paper, paperboard and other specialties.

BYOCELL YK performs over a broad pH range of 4.0 - 9.0, however the best performance is in a pH range of 6.5 - 8.0, previously diluted and added to a high consistency furnish with good stirring. **BYOCELL YK** should be added after rosin size and alum addition. Typical doses are in the range of 0.2% - 1.0% (dry base), which depends directly from the desired wet strength grade.

FDA Regulations

BYOCELL YK can be used as a compound in paper and paperboard manufacturing for packaging in direct contact with fatty and aqueous foods(21 CFR 176.170(a)(5)) and for packaging in direct contact with dry foods(21 CFR 176.180) which are FDA approved. Resin must not exceed 1.5% by weight of the paper or paperboard.

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Packaging and Storage

BYOCELL YK is not classified as a hazardous product. This product must be stored at temperatures lower than 25°C to extend the shelf life. This product should be stored in acid-resistant, lined steel or glass fiber tanks and containers.

Packing: 1,000 Kg. containers.

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