



Industrial Solutions and Polymers

PRODUCTS

Our prominent products are:

- SKR- ION 090- AIDS IN FORMATION OF HI-EFFICIENCY CATIONIC STARCH
- SKR- H16- WET STRENGTH RESIN
- SKR- S07- REACTIVE POLYMER FOR INTERNAL SIZING
- BIOCIDE 010- BIOCIDE
- SKR H- 16- WET STRENGTH RESIN
- SKR S07- REACTIVE POLYMER FOR INTERNAL SIZING
- SKR RDD-10- RETENTION AS DRAINAGE AID
- SKR BF-18- POLYMER FOR IMPROVING BURST FACTOR



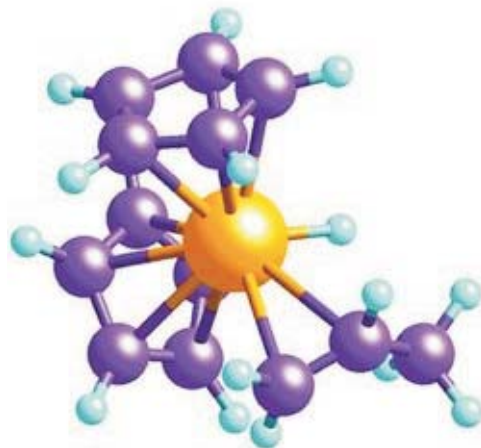
SKR- ION 090

SKR-ION 090 aids in the making of hi-efficiency cationic starch, to give you optimum wet-end performance in acid, neutral and alkaline papermaking. It also improves the dry strength of the finished sheet and improvise on the retention of fines and fillers. These are widely used in various industries such as paper, textile, pharma, adhesive, food, etc.

SKR- ION 090

- is a mix of cationic polymers, used for formation of very high efficiency cationic starch from raw starch.
- is added to raw-starch and cooked to convert raw starch to high efficiency cationic starch.
- enables in-house arrangement for supply of cationic starch
- is economical and provides ready availability and supply of a consistent quality product.

When SKR- ION 090 is mixed with raw starch, it contributes to improved retention and strength. Increased retention can provide a cleaner papermaking system, increasing machine performance. Increased strength properties provide a higher quality product. It can also be used for enhanced optical brightener retention.



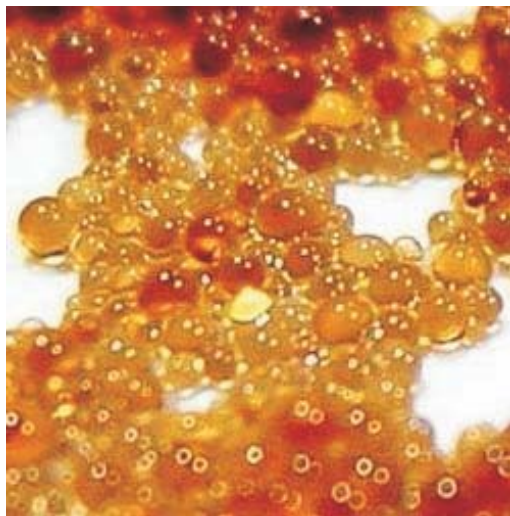
SKR- H16

SKR- H16 is an ethyleneamine- a cationic resin- that aids in the creating wet strength resin.

As no formaldehyde is present in this resin, it can be safely used in manufacture of paper for sanitary, facial tissue and food-packaging applications.

SKR- H16 can be used over a very wide range of pH (4 to 9) and can also be used along with resin aids, fillers, sizing agents and other additives in paper manufacture.

SKR- H16 enables easy and faster paper formation and thus reduces operating costs. Applications for wet-strength resins include paper towels, weather resistant packaging, milk cartons, frozen food packages and vegetable boxes and products requiring immersion in water such as photographic paper, filter paper and certain textiles in hospital bed sheets and gowns.



SKR- S07

SKR - S07 is a reactive polymer system, which acts as an advanced sizing agent and its performance. It cures itself during the paper making process and thus provides internal sizing to paper/board. It provides better water resistance and enables the product to be more stress free and thus allows better stability. In a colloid form, it can be further diluted with water in any desired ratio and can be used along with other polymers such as UF, MF, PAM, POLYAMIDE, etc. it can used along with fillers and other additives and can be fixed by using alum as is done in the case of rosin-soap systems.

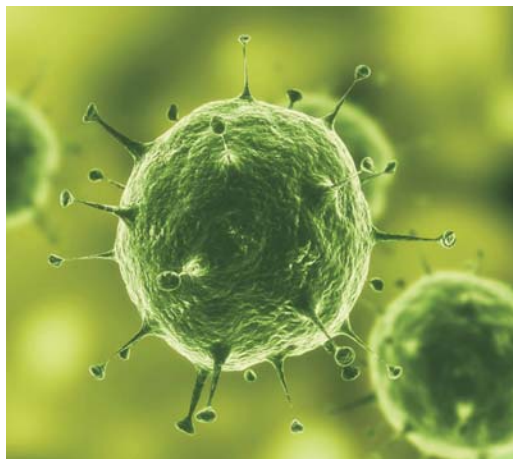
Its application results in optimized paper performance with respect to absorption of liquids, writing and printability, or in the case of newsprint improved dimension stability. When applied on the surface, paper show enhanced surface sizing efficiency along with reduced stock sizing demand.



SKR BIOCIDE 010

SKR BIOCIDE 010

- Has an optimum effect against algae, fungi and other slime-forming organisms providing protection to the pulp, paper and backwater.
- Does not contain any organic solvent and therefore poses no risk in handling
- Causes minimum damage to environment and ecology
- Covers a very broad spectrum of anti-microbial activity and has excellent mobility and penetration characteristics
- Useful in the manufacture of paper and paper products
- Used to preserve stock-solution as also coating and treatment chemicals
- Effective over a very wide range of work conditions ranging from acidic to basic solutions
- Fully soluble in water, stocks and in other soluble polymers which form part of paper making systems.



SKR H- 16

With SKR H- 16, you can use it very safely for highly effective cationic resin for imparting wet strength. As no formaldehyde is present in this resin, it can be safely used in manufacture of paper for sanitary, facial tissue and food-packaging applications.

SKR- H16 can be used over a very wide range of ph (4 to 9) and can also be used along with resin aids, fillers, sizing agents and other additives in paper manufacture. It enables easy and faster paper formation and thus reduces operating costs.

SKR RDD-10- RETENTION AS DRAINAGE AID



SKR-RDD-10 is a new type of cationic-polymer system designed to improve retention, drainage & drying in the paper making process and thus it improves the overall economics of the paper mill.

The product contributes in the following way:

- a) As a Retention Aid: Retention of fibers, fines and fillers in paper, paper-board making. There is a constant retention of about 25 to 30% extra inputs and thus provides cost savings on raw material and also provides better back-water for reuse.
- b) As a Drainage Aid: Drainage of water increases by 20%-25% and is faster and hence increases capacity of the paper mill.
- c) As a Drying Aid: SKR-RDD-10 is water repellent which accelerates drying by 10 to 15%.

When you use SKR-RDD-10, this makes paper formation faster and provides savings in raw materials, production time and consumption of electricity.

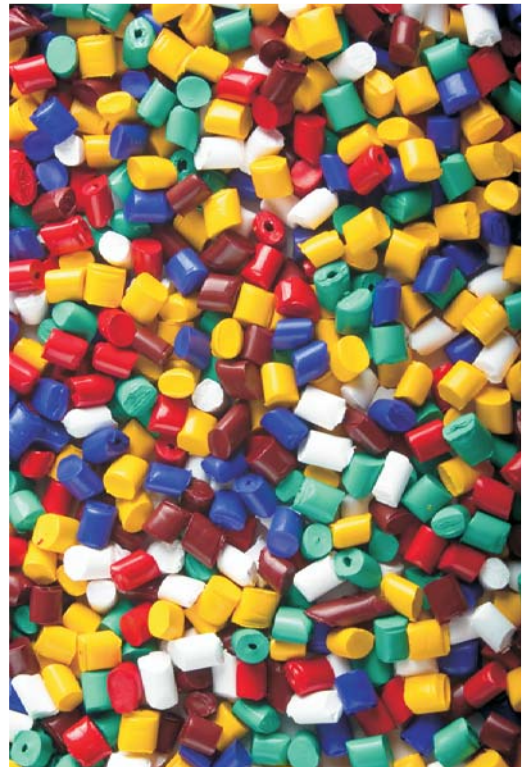
SKR BF-18

SKR-BF18 is a cationic polymer for increasing the burst strength in the paper during manufacture. The product works along with natural starches, modified starches, and cationic starches and with starch-derivatives such as CMC.

SKR-BF18 is added at the starch paste-making stage. It is to be heated for a few minutes and this cross-linked starch preparation is further diluted with water and added in the head-box.

SKF-BF18 invariably improves the BURST-FACTOR of the paper 3 to 5 times while it also contributes to increased dry and wet-strengths of the paper.

SKF-BF18 can also be used along with other resins such as MF-RESINS, UF-RESINS, and POLYAMIDE-RESINS, which leads to further all round improvements of paper- quality.





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