

## Technical Datasheet

Paper Chemicals

### EBCA DR 22

Edition 12-2024

It is the cationic polymer mesh structure to increase hydrogen bonding number in the mutual area of fiber to fiber. Its combination area of long chain polymers can be deformed, thus increasing the bond toughness. It could improve the tensile strength, stiffness, ring-crush strength, bursting strength, folding endurance and other physical index. And it also can improve the retention rate of the fine fiber and filler and drainage performance.

#### Typical SPECIFICATIONS

pH	7:9
Appearance	viscous liquid
Ionic nature	cationic
Total solids %	22:23 %

#### APPLICATIONS

Recommended Dosage: 0.1–0.6% (based on dry fiber weight)

##### Addition Point

Best added after

pulping and before headbox — preferably into thick stock or in the wet-end system.

##### Dissolution Instructions:

Prepare a 0.1–0.5% solution in clean water.

Stir gently for 30–60 minutes until fully dissolved.

Avoid high shear mixing to prevent molecular degradation.

#### Product features

Enhances dry tensile and burst strength of paper

Improves inter-fiber bonding

Effective over a broad pH range (5–8)

Anionic character allows compatibility with alum, fillers, and other retention aids

Low dosage needed for high efficiency

Helps in formation control and fiber distribution

#### PACKAGING

125Kgs plastic drums or, 1000 Tank.

#### STORAGE

Stable when stored at normal temperature conditions, when stored correctly, in closed original container EBCA DR 22 has a shelf life of up to 6 months.

The Technical data ascertained by our quality control laboratory at the time of product release may vary according to the storage time and storage conditions and may deviate from the stated limits.

These suggestions and data based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.

Egyptian British Company maintains Material Safety Data sheets (MSDS) on all of its products. These contain important information that you may need to protect your employees and customers against any known health and safety hazards associated with our products. We recommend you to obtain copies of MSDS for our products, from our technical representative, and obtain copies of MSDS from your suppliers of other raw materials used with our products.

All rights reserved for Egyptian-British Co.