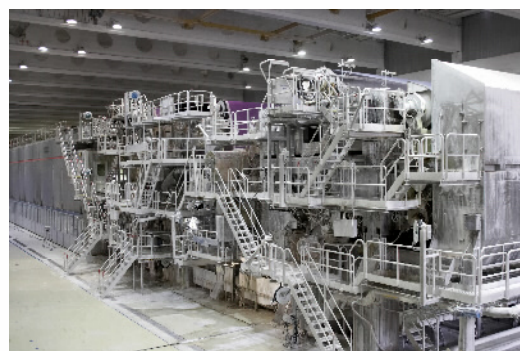


***Applied Chemicals Anwendungstechnik***  
*Technical Service is our Success*



**RetStar®**

**Polymers for the Paper Industry**

**APPLIED CHEMICALS INTERNATIONAL GROUP**

## RetStar®

The products of the **RetStar®** range are highly effective polymers especially developed for paper industry applications. The broad range of available polymers of this series is the result of an intensive development work and worldwide practical experiences gained on-site.

The large variety of products to choose from offers the optimal retention- and dewatering agent for each individual application.

### Product Description

**RetStar®**-products are synthetic, high-molecular water soluble polymers based on acrylamide and its copolymers. Additionally, modifications of other polymers are available. The large variety of polyelectrolytes covers a broad range of molecular weights and charges, therefore an effective application is ensured in all systems.

**RetStar®** is available as:

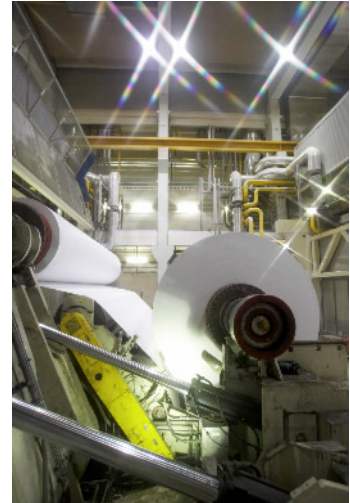
- **As Solid:**
  - Powder/granulate
  - Micro bead
- **As liquids:**
  - High concentrated emulsions
  - Dispersions

**RetStar®**- products achieve significant advantages in the following processes:

- Filler- and fines retention
- Total Retention
- Improved dewatering
- Formation
- Strength
- Runability

**RetStar®**-polymers are used in a wide variety of paper-and board products:

- Tissue
- Board
- Fluting and Linerboard
- SC-Papers
- Newspaper Printing
- Coated and uncoated Papers
- Graphic Papers



By choosing the suitable **RetStar®**-Polymers significant improvements can be achieved. Advantages of the correct use of a **RetStar®**-Polymer are:

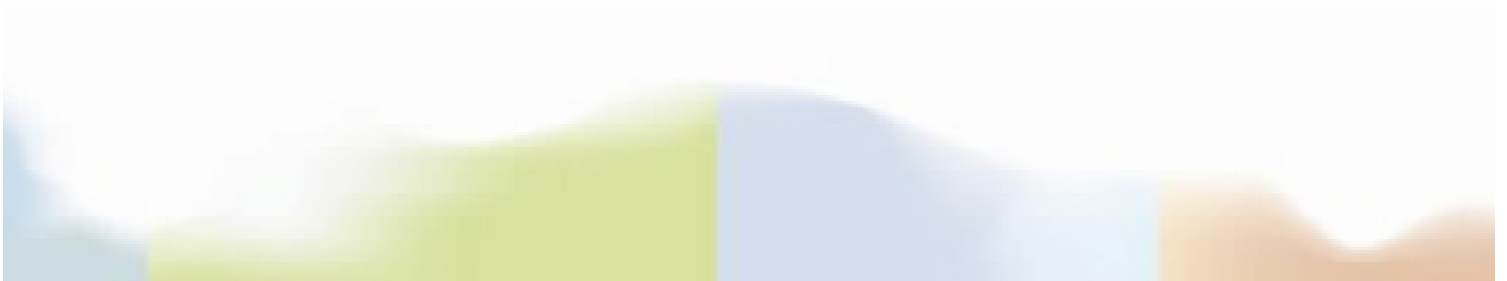
- Lower capital investment
- Higher productivity
- Additional capacity at maximum loads
- Reliable operation
- Improved control of operation

## Technical Service

Our team of extensive experienced staff is available for non-binding laboratory tests and on-site testing with **RetStar®**-products.

For your special requirements we will develop a concept, including a calculation of profitability.

Especially because of the various application details, which have to be considered in using polymers, we recommend to make use of this non-binding service.



## Locations

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***acat.com***

Your Partner for Business in Europe.