

Applied Chemicals Anwendungstechnik
Technical Service is our Success



FixStar®

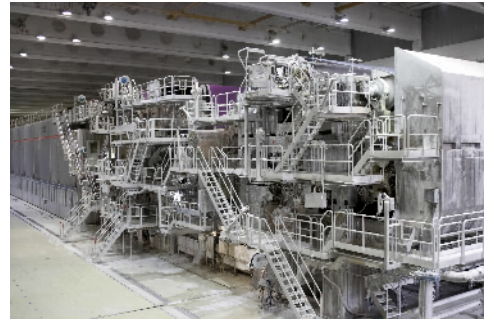
Coagulant and Fixing Agent

APPLIED CHEMICALS INTERNATIONAL GROUP

FixStar®

The products of the **FixStar®** range are highly effective polyelectrolytes especially developed for paper industry and environmental technology 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 fixing agent or the most suitable fixing agent for each individual application.



Product Description

FixStar®-products are synthetic, high-molecular, water soluble polyelectrolytes. The large variety of fixing agents and coagulants covers a broad range of molecular weights and charges. It is also available in a structured form, therefore the efficiency for the different kinds of applications is ensured.

FixStar® is available on the basis of the following polymers:

- **Polyamine:** Polycondensates of dimethylamine and epichlorohydrin
- **PolyDADMAC:** ring polymers of DADMAC available as BEADS or as a liquid
- **Dicyandiamide-resins:** polycondensates of dicyandiamide and formaldehyde
- **Melaminformaldehyde-resins:** polymers from melamine and formaldehyde

FixStar®-products achieve significant economic and technical advantages in the following processes:

- Fixing of impurities
- Support of retention
- Cleaning of the circulation system
- Floatation additive
- Coagulation
- Pre-precipitation
- Water treatment



By choosing the suitable **FixStar®**-Polymers significant improvements can be achieved. The advantages of the correct use of a **FixStar®**-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 **FixStar®**-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.



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