

Superabsorbers (Superabsorbent Polymers – SAP)



PROCESSING
COMPETENCE
SERVICE

Superabsorber

A superabsorber is a synthetic material that is capable of absorbing liquids to a multiple of its own weight. From a chemical point of view, it is a natriumpolyacrylate.

Specialist for superabsorbers

BÜCKMANN has long-standing experience in the processing of superabsorbers and cooperates with many leading manufacturers and users. Many facilities in the processing service are particularly suited for processing superabsorbers.

Processing service

- **Screening**
Screening machine for various grain specifications and throughputs
- **Mixing/Dedusting**
Batch mixing equipment, also with admixture of liquids
- **Grinding**
Various grinding equipment that is gentle to the product for grinding to many grain sizes
- **Filling/transfer**
From big bags to sacks or barrels, filling of big bags



Your competent partner

BÜCKMANN, an owner-managed company, has been successfully doing business in the fields of screen and separation technology for more than 25 years based on their long-standing experience in processing of bulk materials.

bückmann®

SUPERABSORBERS

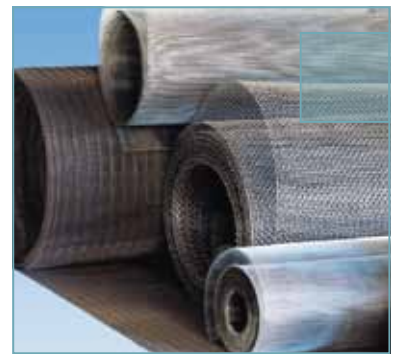


Screen tensioning service/ Screening machine service

- Screen frames for all customary screening machines in SAP production and processing
- Long-standing experience in tensioning screen frames for screening SAP

Fabric technology

- Manufacture of sleeves for dust-sealed transitions at the production facilities
- Large selection of wide-meshed fabrics made of metal and synthetic materials for screening of SAP



Fields of application for superabsorbers

- Hygiene products: Application in napkins, sanitary towels, incontinence products
- Construction chemistry: use as a water reservoir or thickener in mortar
- Horticulture / agriculture: water reservoir for plants
- Cable coating: as sealant for damaged cables, e.g. in deep-sea conductors

Further applications:

- Fire fighting
- Flood protection



Processing service

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