



## Superabsorbent

SINOFLOC **superabsorbent polymers** (known as SAP) are water-insoluble polymer, cross-linked copolymer of acrylic acid. It is in the form of white, odourless granules. This water-absorbing polymer is produced by acrylic acid and a cross-liner solution through polymerization.

This product has the character of superabsorbent which makes this material could absorb and retain water of hundreds of times of its weight shortly. Moreover, this product is able to hold absorbed water even against pressure.

The characters make [superabsorbent polymers](#) (SAP) widely used in following fields:

- Baby Diaper and Adult Diaper
- Sanitary Napkin
- Nursing Pad
- Water Retaining Agent for Agriculture
- Cable and Expanding Rubber
- Plugging Agent
- Concrete Curing

As one of the leading superabsorbent suppliers in China, [SINOFLOC](#) product has been widely used as aqueous absorbent for diapers, adult hygiene products and other similar applications.

Superabsorbent has been widely tested and is considered to be non-toxic by ingestion or application to the skin and not irritating or sensitising to the skin. Testing against various ecological indicator organisms indicates that the material does not represent an environmental hazard.