



## TECHNICAL DATA SHEET

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### Product Description: Dry Strength Agent

#### 【Product Characteristics】

It is an amphoteric polyacrylamide reinforcing agent with a network structure. The product is fully ionized in a wide PH range, which not only effectively improves the hydrogen bonding force between the fibers, but also forms a more stable covalent bond between the ionic groups. It significantly improves the tensile strength, annular compressive strength, break resistance and interlayer bonding force of the paper, and also has the function of helping filter and improving sizing efficiency. The products are mainly used in box board paper, yarn tube base paper, high strength core paper and so on.

#### 【Technical Parameters】

Parameters	standard	Remark
Appearance	Colorless to slightly turbid viscous liquid	Visual
Solid content%	15±1	GB
ViscositymPa.s	4000-14000	Rotary viscometer 25°C
PH Value	2-5	PH meter(1% water)
Ionicity	Amphoteric	

#### 【Usage】

- Dilute water 10-20 times and disperse evenly before adding into the slurry, adding the amount of 10-20 kg/ton paper or adjust according to the production needs;
- The addition position should be selected to be able to mix fully with the slurry, generally in the slurry tank or high box (before the slurry pump) to add.

#### 【Notes】

- Please use FRP, PVC, PE and other plastic or stainless steel for product storage tank, dilution tank and piping;
- This product is a slightly acidic substance, please rinse with plenty of tap water when touching skin and eyes;
- Please do not stray into the mouth.

#### 【Package and Store】

- Please store in a cool, dry and ventilated place, the storage temperature is 5°C ~ 35°C, the storage period is 6 months;
- 1000kg packed in plastic drums or transported by tank truck.