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## types of flocculation mechanism – China Xinqi Polymer Co., Ltd

A big improve within the swelling parameters of hydrogels was achieved as a result of hydrolysis of amide teams of the polyacrylamide part of hydrogels. We achieved an enzyme yield of as much as 740 mg/L using basal salts medium and purified the enzyme in a single step anion trade chromatography to close to electrophoretic homogeneity. Using 17 U/ml of recombinant

Thereafter, the impact of healing time and temperature on the self-healing was examined to research the contribution of hydrogen bonding to self-healing properties by changing the healing temperature (25

In conclusion, polyacrylamide (PAM) is an immensely versatile polymer that has found intensive use in various industries, because of its distinctive properties like excessive water solubility, skill to form gels, and the convenience of tailoring its bodily properties. Because of the above evaluation, it was confirmed that the obtained polyacrylamide polymer was stable spherical particles having a mean particle diameter of about 1.0 to 5

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