

Product Description:

Sodium polyacrylate is the main raw material of ice pack.

Sodium polyacrylate super absorbent polymer can absorb and retain extremely large amounts of liquid relative to their own mass and become a gel form. Most superabsorbents will absorb at least 300 times their weight in deionized water .

Welldone Sodium polyacrylate for ice pack Advantages :

1.Low product consumption, high production efficiency, simple process and low cost : One gram sodium polyacrylate can absorb 300 grams of pure water.

it's enough to contain about 1 gram sodium polyacrylate for each gel ice pack.

2.High absorbtion capacity : 1g SAP super absorbent polymer can absorb 300times water

3.Safe and Non-toxic : Super absorbent polymer also is material in baby diapers etc .

Recommends the Welldone model suitable for making ice bag :

Our Super Absorbent Polymer WD-NP401 eco-friendly and flexible along with the capacity to absorbing and is readily used to make Ice Gel Packs.

SAP Super absorbent polymer Index as below :

WD- Model	WD-NP401
Dry Matter/Purity	85% - 95%
Appearance of the product	Dry = white granules to powder Hydrated = transparent gel
pH	6.5-7.5
Particle size	Micro granules 30-80mesh
Maximum absorption	≥350 in deionized water (ml/g)
Absorption rate	≤30s
Packaging	25kg per kraft bag