

## **WELLDONESAP super absorbent polymer for baby diaper**

WELLDONE Super Absorbent Polymer (SAP) absorbs a lot of water. The water is then converted into gel to prevent leakage thereby offering a dry surface. Thus overall, these underpads will ensure dryness and prevent bedsores, Disposable Underpad is ideal for Bed ridden patients, Elderly users, Paralysed and comatose patients.

### **Usage:**

It is mainly used for sanitary items such as diapers for babies and adults and sanitary pads for women.

Features:

SAP(Super Absorbent Polymer) is a polymer made by partially bridging the soluble polymers. □This polymer has a 3-dimensional net structure and a large amount of hydrophilic groups. It is both water-insoluble and hydrophilic at the same time.

### **Specification of WELLDONESAP**

Specification	Value	Permitted Range
PH	6.2	6-6.5
Free Swell Capacity,g/g	60	>57
Centrifuge Retention Capacity,g/g	31	>29
Absorbing Rate (Vortex),s	25	<27
Residual Monomers,ppm	400	<500
Absorbency under Pressure (0.7 psi) g/g	19	>18
Particle Size Distribution,um	150-710	150-710

### **Applitions of WELLDONESAP:**

WELLDONESAP polymer is used for bady diaper has the advantages of high liquid permeability, fast absorption and low extractable content.