

AT-03S

Super Absorbent Polymer

Sodium salt of crosslinked polyacrylic acid

January 1, 2022



WaterGel Crystals
the **superabsorbents** source

10317 Vigilante Trail
Converse, Texas 78109
w-210-659-2710 /c-210-381-0250
sales@watergelcrystals.com

Technical Data

Premium Superabsorbents

Characteristics

Fast Acting
Very High Absorbency
Low Dust

Uses

Product can be used
virtually anywhere

Re-usable gel/ice packs
Liquid waste solidification

Pet pads

Warranty

The information given here is considered to be correct and is offered for your consideration, investigation and verification.

No warranties are expressed or implied since the use of this product is beyond our control.

Typical Characteristics

Particle Size Distribution (microns)	1 - 850
Absorption (g/g) deionized water	> 400
Teabag Absorbtion (g/g) 0.9% NaCl	55 - 65
Teabag Retention (g/g) 0.9% NaCl	40
Apparent Bulk Density (g/l)	650 - 800
Moisture (%)	10
Residual Monomer (ppm)	< 200
Gel Time, Vortex Method (s)	35 min 70 max

Chemistry: Sodium salt of crosslinked polyacrylic acid

Physical Form: White granules, free flowing

Storage Life: > 1 year, dry conditions, unopened bags

Packaging: 55 pound multi-walled bags
1,764 pound (800 kg) supersacks