

# AT-03S

## Super Absorbent Polymer

Sodium salt of crosslinked polyacrylic acid



## WaterGel Crystals the **superabsorbents** source

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### *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