

# Technical Data Sheet

CitcoWater.com



CHEMICAL  
SOLUTIONS

# Thorn Sorb

Activated Carbon Slurry

## ThornSorb

Activated Carbon Slurry

ThornSorb is a medium activity powdered activated carbon slurry, specifically manufactured for the treatment of water for human consumption, in both municipal and industrial applications. This grade of activated carbon provides a high removal efficiency against a variety of aqueous pollutants, especially organic matter and taste and odor compounds. ThornSorb is available in a closely controlled particle size distribution to suit all downstream separation techniques. The material is compliant with international standards for activated carbon slurry products used in this application.



Certified to  
NSF/ANSI 61

## Specification

<b>Iodine adsorption</b>	min. 800 mg/g
Total ash content	max. 15%
<b>Moisture content</b>	max. 5%
Apparent density, tapped	0.2 - 0.75 g/cc



### Benefits

- High organic matter adsorption
- Excellent taste & odor removal
- Rapid adsorption kinetics
- Medium activity adsorbent
- Mesoporous product



### Certifications

- AWWA B600
- ANSI/NSF61
- Halal and kosher certified
- ISO 9000:2008
- ISO 14001:2004



### Available Particle Sizes

- < 100 mesh: >99%
- < 200 mesh: >95%
- < 325 mesh: >90%

info@CitcoWater.com  
customerservice@CitcoWater.com  
800.999.3484

CITCO WATER

# Technical Data Sheet

CitcoWater.com



CHEMICAL  
SOLUTIONS

## ThornSorb

Activated Carbon Slurry



Activated Carbon Slurry

Problem Identification:	ThornSorb Solution:
Organics Removal	High Organics Removal Ability
Taste & Odor of Finished Water	Excellent Taste & Odor Removal of Geosmin
Other Aqueous Pollutants	Rapid Adsorption Chemistry
Hazards of Dry PAC	Liquid Form Eliminates Hazards of Dry Product
Material Handling	All Material Handling by CITCO Water
Maintenance of PAC Processing Equipment	CITCO Water-Owned Storage Tank, Mixer, and Metering Equipment Maintained by CITCO Water's Service Team

## Product Optimization

CITCO Water's supply of activated carbon products is supported by industry-leading technical consultants. Our in-house expertise extends over many years of practical experience in the design and utilization of activated carbon in a variety of applications. CITCO Water can assist in the design, specification, and method of use of our products to achieve optimum treatment outcome performance.



info@CitcoWater.com  
customerservice@CitcoWater.com  
800.999.3484

CITCO WATER

