

# PRODUCT SPECIFICATION SHEET

## AGC-50-CS-Si

COCONUT SHELL CARBON

**SILVER IMPREGNATED  
COCONUT SHELL CARBON  
FINE MESH (20X50)**

ResinTech AGC-50 CS-Si is a silver impregnated dry 20 x 50 mesh coconut shell based granular activated carbon. It is Gold Seal Certified by the WQA for use in potable water applications. It has silver chemically dispersed into the carbon pores. AGC-50 CS-Si is intended for use in potable water where it is necessary to inhibit the growth of bacteria and for the removal of Iodine 129.

### APPLICATIONS

- Chlorine Removal
- Organics Removal

### TYPICAL PROPERTIES & PHYSICAL CHARACTERISTICS

<b>Physical Form</b>	Carbonaceous Granules
<b>Particle Size</b>	20 to 50 US Mesh (297 - 841 µm)
<b>% &lt; 50 mesh (300µm)</b>	< 5%
<b>Temp Limit</b>	212°F (100°C)
<b>Moisture Retention</b>	<5% or N/A
<b>Shipping Weight</b>	29 - 31 lbs/ft <sup>3</sup> (465 - 497 g/L)
<b>Color</b>	Black
<b>Uniform Particle Size</b>	Yes

### PACKAGING OPTIONS

- 1 ft<sup>3</sup> bags
- 1 ft<sup>3</sup> boxes
- 1 ft<sup>3</sup> drums
- 7 ft<sup>3</sup> drums
- 42 ft<sup>3</sup> supersacks

### CERTIFICATIONS

WQA Gold Seal



C US

### SUGGESTED OPERATING CONDITIONS

Maximum continuous temperature	250°F
Sodium form	
Minimum bed depth	
Chlorine removal	24 inches
Chloramine removal	36 inches
Support bed	12 inches
Backwash expansion	15 to 25 percent
Backwash flow rate	2 to 5 gpm/sq.ft.
Service flow rate	
Chlorine removal	1 to 2 gpm/cu.ft.
Chloramine removal	0.5 to 1.0 gpm/cu.ft.

Note: These guidelines describe average low risk operating conditions. They are not intended to be absolute minimums or maximums. For operation outside these guidelines, contact ResinTech Technical Support

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