

AGC-50 CS Si 1.05

Granular activated carbon, coconut shell, silver-impregnated, dry, fine mesh (20x50)

ResinTech AGC-50 CS-Si 1.0 is a silver impregnated dry 20 x 50 mesh coconut shell based granular activated carbon. It has silver chemically dispersed into the carbon pores. AGC-50 CS-Si 1.0 is intended for use in potable water where it is necessary to inhibit the growth of bacteria and for the removal of Iodine 129. It is Gold Seal Certified by the WQA for use in potable water applications.



FEATURES & BENEFITS

- Inhibits Bacteria Growth
- Complies With AWWA B604-9 Specifications
- Meets The Standards Of Food Chemical Codex
- Adsorbs Iodine

APPLICATIONS

- Dechlorination
- Organics



Meets NSF/ANSI/CAN 61

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Physical Form	Carbonaceous Granules	Shipping Weight	36 - 38 lbs/cu.ft. (577 - 609 g/L)
Particle Size US Mesh (µm)	20 (841) to 50 (297)	Color	Black
< 50 mesh (300 µm) %	< 5%		

CARBON SPECIFICATIONS

Apparent Density (gm/cc)	0.48	Silver weight (%)	1.05
Min. Iodine Number (mg/gm)	950	Conductivity (uS/cm)	3000

SUGGESTED OPERATING CONDITIONS

Maximum Temperature	212°F (100°C)	Flow Rate	
Backwash Expansion (%)	15 to 25	Working Service	Depends on fluid viscosity, Contact ResinTech
Backwash Flow Rate	4-6 gpm/cu.ft. (32-48 BV/h)	Chlorine Removal	1 to 2 gpm/cu. ft.
Operating pH Range	5.0 to 10.0	Chloramine Removal	0.5 to 1.0 gpm/cu. ft.
Support Bed Depth (in)	12	Bed Depth (in)	
		Chlorine Removal	24
		Chloramine Removal	36

SAFETY DATA SHEETS (SDS)

Safety Data Sheets (SDS) are available for all products on the ResinTech website. They contain important health and safety information that may be needed to protect your employees and customers from any known health and safety hazards associated with our products. We recommend that you secure and study the pertinent MSDS for our products and any other products being used.

These suggestions and data are based on information we believe to be reliable. They are offered in good faith. However we do not make any guarantee or warranty. We caution against using these products in an unsafe manner or in violation of any patents; further we assume no liability for the consequences of any such actions.

Safety Data Sheets (SDS) are available at resintech.com

