

# AGC-50 X

## Granular activated carbon, bituminous carbon, dry, fine mesh (20x50)

ResinTech AGC-50 X is a dry 20 x 50 mesh bituminous coal based granular activated carbon having relatively high surface area and large pores. ResinTech AGC-40 X is intended for chlorine or NOM removal where rapid adsorption is required. It is Gold Seal Certified by the WQA for use in potable water applications.



### FEATURES & BENEFITS

- Bituminous Coal Based
- Highest Surface Area And Activity
- Rapid Removal Of Chloramine
- Superior Physical Stability
- Suitable For Steam Regeneration
- Pore Structure Carefully Controlled To Facilitate Adsorption

### APPLICATIONS

- Dechlorination
- Taste & Odor Correction
- Organics



Meets NSF/ANSI/CAN 61

AGC-50 X

Physical Form	Carbonaceous Granules	Moisture Retention (%)	<5 or N/A
Particle Size US Mesh (µm)	20 (841) to 50 (297)	Shipping Weight	32 - 34 lbs/cu.ft. (513 - 545 g/L)
< 50 mesh (300 µm) %	< 5%	Color	Black

**CARBON SPECIFICATIONS**

Apparent Density (gm/cc)	0.41	Conductivity (uS/cm)	3000
Min. Iodine Number (mg/gm)	950		

**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](http://resintech.com)

