

RESINTECH AGC-50 CS AW is a semi moist, acid washed, coconut shell based, premium grade, granular activated carbon with a size range of 20 to 50 mesh. AGC-50 CS AW has small pores and high capacity for small organic molecules. RESINTECH AGC-50 CS AW is intended for applications where the highest possible surface area and adsorption rates are needed.

FEATURES & BENEFITS

- **LOW DUST, EASY TO HANDLE**
- **HIGHEST SURFACE AREA AND ACTIVITY**
- **RAPID REMOVAL OF CHLORAMINE**
- **SUPERIOR PHYSICAL STABILITY**
- **SUITABLE FOR STEAM REGENERATION**
- **PORE STRUCTURE CAREFULLY CONTROLLED TO FACILITATE ADSORPTION**



C US
**NSF/ANSI-61 CERTIFIED FOR
MATERIAL SAFETY**

Prior to first use the carbon must be soaked for a minimum of 4 hours to be fully wetted.

PHYSICAL PROPERTIES

Type	Coconut shell
Screen Size	
+20 mesh	<5%
-50 mesh	<5%
Iodine Number	950
pH (potable water)	
Acid Washed	5 to 8
Conductivity	
Acid Washed	500 uS/cm
Apparent Density	
Moist	0.68
Shipping Weight	
Moist (Approx.)	38 lbs/cu.ft.

Note: Physical properties can be certified on a per lot basis, available upon request

SUGGESTED OPERATING CONDITIONS

Maximum temperature	250°F
Minimum Bed Depth	
Chlorine removal	24 inches
Chloramine Removal	36 inches
Support bed	12 inches
Backwash Expansion	15 to 25%
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