

RESINTECH AGC-40 AW is a semi moist, acid washed, bituminous coal based, premium grade, granular activated carbon with a size range of 12 to 40 mesh. AGC-40 AW has large pores and high capacity for large organic molecules. AGC-40 AW is intended for all general purpose applications where high adsorption efficiency is desired.

FEATURES & BENEFITS

- **PRE-WETTED GRADE, LOW DUST AND EASY TO HANDLE**
- **OPTIMUM MESH SIZE**
- **HIGH ADSORPTION EFFICIENCY**
- **SUPERIOR PHYSICAL STABILITY**
- **SUITABLE FOR STEAM REGENERATION**
- **PORE STRUCTURE CAREFULLY CONTROLLED TO FACILITATE ADSORPTION**



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

NSF/ANSI-61 compliance requires conditioning with a minimum 20 bed volume rinse prior to first use.

PHYSICAL PROPERTIES

Type	Coal
Screen Size	
+12 mesh	<5%
-40 mesh	<5%
Iodine Number	950
pH (potable water)	
Acid Washed	5 to 8
Conductivity	
Acid Washed	500 uS/cm
Apparent Density	
Moist	0.61
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	4 to 6 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