

RESINTeCH AGC-50 D is a dry, bituminous coal based, premium grade, granular activated carbon with a size range of 20 to 50 mesh. AGC-50 D has large pores and high capacity for large organic molecules. AGC-50 D is intended for applications where the highest possible surface area and adsorption rates are needed.

## 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**

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

## PHYSICAL PROPERTIES

Type	Coal
Screen size	
+20 mesh	<5%
-50 mesh	<5%
Iodine number	950
pH (potable water)	
Dry	5 to 10
Conductivity	
Dry	3,000 uS/cm
Apparent density	
Dry	0.41
Shipping weight	
Dry (Approx.)	26 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



East Coast - West Berlin, NJ p:856.768.9600 • Midwest - Chicago, IL p:708.777.1167 • West Coast - Los Angeles, CA p:323.262.1600

**CAUTION:** Wet carbon removes oxygen from air and in confined spaces, oxygen depletion may reach hazardous levels. Appropriate procedures for working in confined spaces must be followed.

**MATERIAL SAFETY DATA SHEETS (MSDS)** are available for all ResinTech Inc. products at [www.resintech.com](http://www.resintech.com). They contain important health and safety information. That information 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.

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