

RESINTECH AGC-40-CS AW is a semi moist, acid washed, coconut shell based, premium grade, granular activated carbon with a size range of 12 to 40 mesh. The pore structure is carefully controlled to facilitate the adsorption of both high and low molecular weight organic molecules. RESINTECH AGC-40-CS AW is intended for use in dechlorinating water and reducing organic impurities, as pretreatment for reverse osmosis and ion exchange systems.

## FEATURES & BENEFITS

- **LOW DUST, EASY TO HANDLE**
- **OPTIMUM MESH SIZE**
- **HIGH ADSORPTION EFFICIENCY**
- **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	
+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	0.68
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	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

## Safety Data Sheet

**Product Name: Product Names: AGC-30-CS-D, AGC-30-CS-AD, AGC-30-CS-AW, AGC-30-CS-W  
 AGC-40-CS-D, AGC-40-CS-AD, AGC-40-CS-AW, AGC-40-CS-W,  
 AGC-50-CS-D, AGC-50-CS-AD, AGC-50-CS-AW, AGC-50-CS-W, AGC-30-CS-MG**

(Coconut Shell Carbon)

Effective date 10 January 2020

### Section 1: Identification

1a	Product Names	ResinTech AGC-30-CS-D, AGC-30-CS-AD, AGC-30-CS-AW, AGC-30-CS-W, AGC-40-CS-D, AGC-40-CS-AD, AGC-40-CS-AW, AGC-40-CS-W, AGC-50-CS-D, AGC-50-CS-AD, AGC-50-CS-AW, AGC-50-CS-W, AGC-30-CS-MG
1b	Common Name	Coconut Shell Carbon
1c	Intended use	Chlorine and organics removal from water
1d	Manufacturer Address	ResinTech, Inc. 160 Cooper Road, West Berlin, NJ 08091 USA
	Phone	856-768-9600
	Email	<a href="mailto:ixresin@resintech.com">ixresin@resintech.com</a>

### Section 2: Hazard Identification

2a	OSHA Hazard classification	Not hazardous or dangerous												
		<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Product Hazard Rating</th> <th style="text-align: left;">Scale</th> </tr> </thead> <tbody> <tr> <td>Health = 0</td> <td>0 = Negligible</td> </tr> <tr> <td>Fire = 1</td> <td>1 = Slight</td> </tr> <tr> <td>Reactivity = 0</td> <td>2 = Moderate</td> </tr> <tr> <td>Special – N/A</td> <td>3 = High</td> </tr> <tr> <td></td> <td>4 = Extreme</td> </tr> </tbody> </table>	Product Hazard Rating	Scale	Health = 0	0 = Negligible	Fire = 1	1 = Slight	Reactivity = 0	2 = Moderate	Special – N/A	3 = High		4 = Extreme
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2b	Product description	Black irregular pieces with little or no odor.												
2c	Precautions for use	Safety glasses and gloves recommended. Wet carbon adsorbs oxygen from air and can cause a hazard in confined spaces. Avoid breathing dust when handling dry carbon. Dust mask or respirator recommended for poorly ventilated spaces.												
2c	Potential health effects	May cause eye irritation. Ingestion is not likely to pose a health risk. Dust may be mildly irritating.												
2d	Environmental effects	Little or none.												