

# PRODUCT SPECIFICATION SHEET

## KLEEN AGC-40 XA

BITUMINOUS CARBON

**PREMIUM GRADE  
ACID-WASHED SEMI-MOIST  
BITUMINOUS CARBON  
COARSE MESH (12X40)**

ResinTech AGC-40 XA is a semi moist 12 x 40 mesh bituminous coal based granular activated carbon. It is dust free and acid washed to neutralize pH and conductivity when first placed into use. It has large pores and high capacity for taste and odor removal. AGC-40 XA is intended for use in dechlorinating water, reducing organics, and as pre-treatment for reverse osmosis and ion exchange systems. It is Gold Seal Certified by the WQA for use in potable water applications.

### APPLICATIONS

- Chlorine Reduction
- Organics Reduction

### TYPICAL PROPERTIES & PHYSICAL CHARACTERISTICS

|                               |   |
|-------------------------------|---|
| <b>Physical Form</b>          | Carbonaceous Granules                       |
| <b>Particle Size</b>          | 12 to 40 US Mesh (400 - 1680 µm)            |
| <b>% &lt; 50 mesh (300µm)</b> | < 5%  |
| <b>Temp Limit</b>             | 212°F (100°C)                               |
| <b>Moisture Retention</b>     | 20% to 30%                                  |
| <b>Shipping Weight</b>        | 40 - 42 lbs/ft <sup>3</sup> (640 - 673 g/L) |
| <b>Color</b>                  | Black                                       |
| <b>Uniform Particle Size</b>  | Yes   |

### PACKAGING OPTIONS

- 1 ft<sup>3</sup> bags
- 1 ft<sup>3</sup> boxes
- 1 ft<sup>3</sup> drums
- 7 ft<sup>3</sup> drums
- 42 ft<sup>3</sup> supersacks

### CERTIFICATIONS

WQA Gold Seal



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### SUGGESTED OPERATING CONDITIONS

|                                |                       |
|--------------------------------|-----------------------|
| Maximum continuous temperature |                       |
| Sodium form                    | 250°F                 |
| Minimum bed depth              |                       |
| Chlorine removal               | 24 inches             |
| Chloramine removal             | 36 inches             |
| Support bed                    | 12 inches             |
| Backwash expansion             | 15 to 25 percent      |
| Backwash flow rate             | 6 to 10 gpm/sq.ft.    |
| Service flow rate              |                       |
| Chlorine removal               | 1 to 5 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

