

KLEEN AGC-40 XI

BITUMINOUS CARBON

**PREMIUM GRADE
ACID-WASHED SEMI-MOIST
BITUMINOUS COAL CARBON
12 X 40 MESH**

ResinTech AGC-40 XI 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 XI is intended for use in dechlorinating water, reducing organics, and as pretreatment for dialysis, reverse osmosis and ion exchange systems.

APPLICATIONS

- Water for Dialysis
- Chlorine Reduction
- Organics Reduction

TYPICAL PROPERTIES & PHYSICAL CHARACTERISTICS	
Physical Form	Carbonaceous Granules
Particle Size	12 to 40 US Mesh (400 - 1680 µm)
% < 50 mesh (300µm)	< 5%
Temp Limit	212°F (100°C)
Moisture Retention	20% to 30%
Shipping Weight	42 - 44 lbs/ft ³ (673 - 705 g/L)
Color	Black
Iodine no., mg/g	900 min.

STANDARD PACKAGING

- 1 ft³ bags
- 42 ft³ supersacks

SUGGESTED OPERATING CONDITIONS

Minimum bed depth	
Chlorine removal	24 inches
Chloramine removal	36 inches
Backwash expansion	15 to 25 percent
Backwash flow rate	6 to 10 gpm/sq.ft.
Service flow rate	
Chlorine removal	1.25 gpm/cu.ft. (6 min. EBCT)
Chloramine removal	0.75 gpm/cu.ft (10 min. EBCT)

Note: These guidelines are suggested operating conditions. They are not intended to be absolute minimums or maximums.

For operation outside these guidelines, contact ResinTech Technical Support

