



**High Performance GAC for Sugar Refinery**

- High-capacity virgin granular activated carbon.
- Designed for decolorization, de-odorization, and filtration of cane sugar, beet sugar, and starch-derived sweeteners such as glucose and HFCS.

**Functionality:**

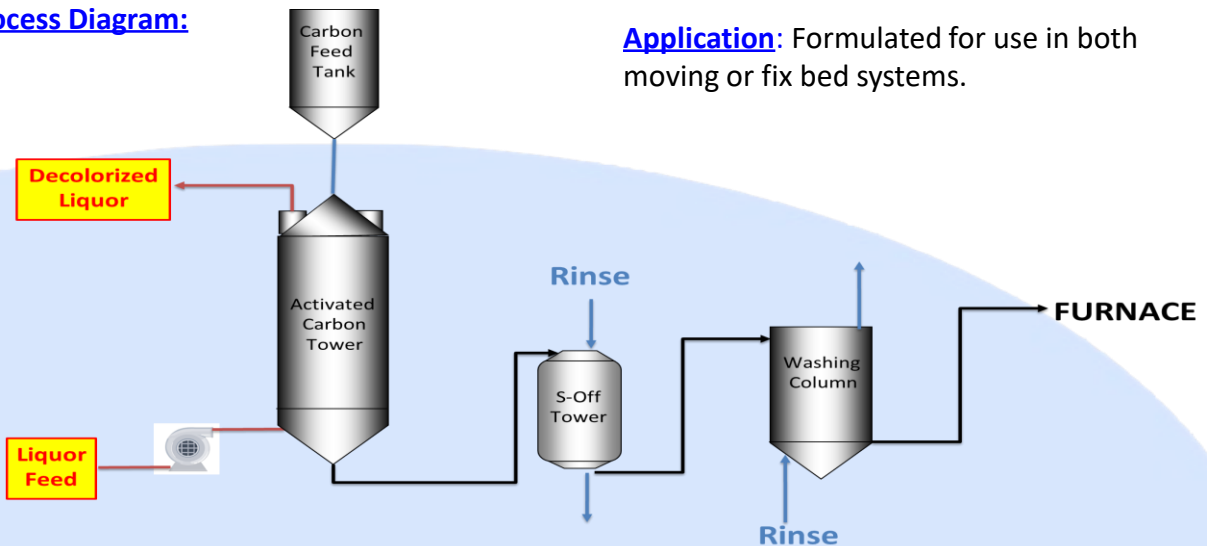
- ✓ Impurities removal through adsorption & binding with Van der Waals forces.
- ✓ Incorporation of Magnesite, it has the special ability to control the pH drop.
- ✓ Particle size and formulation have been selected to insure long filtration cycles.
- ✓ High adsorption capacity.
- ✓ Flexibility to process successfully different type and qualities of raw sugars.

**Feasibility study:**

Carbonatation Refinery, 2000 MTD

SAMPLE	COLOR (IU)							
	After 1HR.		After 2HRS.		After 3HRS.		After 4HRS.	
	IU	%CR	IU	%CR	IU	%CR	IU	%CR
Clear Liquor	373							
Supplier 1	195	48%	103	72%	96	74%	76	80%
Supplier 2	202	46%	130	65%	113	70%	87	77%
Supplier 3	234	37%	168	55%	139	63%	125	66%
SGC 12x40	158	58%	86	77%	67	82%	54	86%

**Process Diagram:**



**Application:** Formulated for use in both moving or fix bed systems.