HPC SERIES SUPER 830 MAXX 830 ULTRA 830

Granular Activated Carbon

Applications

- Pharmaceuticals
- Glycerine
- Flavor Ingredients
- Aquarium
- Edible Oils
- Municipal Water
- Vitamins
- Wine
- Fruit Juices
- Amine Purification
- Spirits
- Chemical Processing
- Dry Cleaning
- MSG
- Corn Sweeteners
- Wastewater

Description

HPC Series of virgin coal-based granular activated carbons are specifically designed to provide a rapid rate of adsorption and low resistance to flow with liquids of low to medium viscosities. These granular activated carbons are used for purification and decolorization in a wide range of aqueous and organic liquid applications such as vodka and spirits, dry cleaning, petrochemical, pharmaceutical and municipal. With a lower density as compared to typical coal based carbons, the HPC products have the advantage of a lower cost per unit volume.

Features / Benefits

- Reduced contact time due to very fast diffusion kinetics and large volume of transport pores
- High surface area and large pore sizes provide excellent decolorization and high loading capacity
- HPC products are Kosher certified and meet the requirements of Food Chemicals Codex (FCC)
- Certified to NSF/ANSI Standard 61 and meets or exceeds AWWA standards per specification B-600

Specifications	SUPER 830	MAXX 830	ULTRA 830
Iodine Number, mg/g	900 min	1000 min	1100 min
Moisture (As packaged), wt%	10 max	10 max	10 max
Particle Size Analysis			
8 US Mesh [2.36 mm], wt%	5 max	5 max	5 max
< 30 US Mesh [0.600 mm] (PAN), wt%	5 max	5 max	5 max

Typical Properties	SUPER 830	MAXX 830	ULTRA 830
Molasses Number	250–300	300	350–400
Hardness	>80	>80	>80
Apparent Density, g/cc	0.37 min 0.43 max	0.33 min 0.40 max	0.30 min 0.37 max

Safety Message

Wet activated carbon can deplete oxygen from air in enclosed spaces. If use in an enclosed space is required, procedures for work in an oxygen deficient environment should be followed.