

# CARBON LINK



Certified by NSF to  
ANSI/NSF Standard 61



## HA2 Supra-L Filtration

**Carbon Link Corporation's HA2 Supra-L** is a granular carbon based material, which is an excellent versatile media used in a variety of applications. **HA2 Supra-L** can be used independently, or mixed with other medias to incorporate greater adsorptive requirements.

### TYPICAL ANALYSIS

CARBON (%)	8 - 11
ACID INSOLUBLE ASH (%)	3 (MAX)
MOISTURE (%)	5 (MAX)
CALCIUM CARBONATE (%)	5 - 7
CALCIUM SULPHATE (%)	0.1 - 0.2
TOTAL SURFACE AREA (m <sup>2</sup> /g)	80 - 120
CARBON SURFACE AREA (m <sup>2</sup> /g)	40 - 60
BULK DENSITY (kg/m <sup>2</sup> )	550 - 700

### ATTRIBUTES

- Low pressure drop.
- High capacity 40% - 70% by weight (selective).
- Effectively removes, heavy metals from water (see list).
- Excellent for fluoride removal
- Media of choice for fish farms.

### TYPICAL PROPERTIES

GRADE (TYLER MESH)	5 x 8	8 x 24	20 x 60	FINES
PARTICLE SIZE (mm) / MEAN DIAMETER(mm)	1.70 - 4.00 2.55	0.60-2.36 1.73	0.25 - 1.00 0.635	0.075 - 0.60 0.255
MAXIMUM (%) / MINIMUM %	10 / 5	5 / 5	15 / 2	5 / N/A

Additional application specific properties and performance information located on back.

For further information, contact us at:

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# HA2 Supra-L Filtration Media

HA2 Supra-L carbon is a carbonaceous material, which has excellent qualities and is finding new and dynamic uses in an increasingly wider variety of industries.

The quality of the carbon can be easily determined by its color. Black to Grayish Brown charcoal shows the best quality for adsorption. If the carbon is *under activated*, the material can still contain organic impurities which may impart undesirable taste, odor and color to treated waters. White colored carbons are *over activated* and present low fluoride removal capacity.

HA2 Supra-L carbon has additional attributes, which are listed below:

- ? **Reduces heavy metal contaminants such as lead, cadmium, mercury, iron, copper, manganese, zinc, aluminum, nickel, arsenic, radio-nuclides, fertilizers, herbicides, and pesticides.**
- ? **This is the media of choice for Fish Farming applications. It has been shown to remove Tributyl Tin oxide, Dichlorvos (Nuvan), Malochite green in this application as well as odors, turbidity.**
- ? **Excellent media for the removal of Fluoride.**
- ? **Safe for municipal drinking water, well water and industrial water applications.**
- ? **Removes radium and uranium from drinking water.**

**STAND-ALONE:** HA2 Supra-L performance is exceptional in combination with GAC, anthracite and all other filter media technologies. In application specific situations, HA2 Supra-L will significantly out perform GAC and/or Anthracite in certain applications.

**POST TREATMENT:** HA2 Supra-L may be applied downstream of oil/water separators, clarifiers, sand filters, and other physical/chemical separation systems.

**STORAGE AND HANDLING:** Store in a dry place. Avoid extreme temperatures. Avoid breathing dust. If clothing becomes dusty, launder before reuse. When HA2 Supra-L has reached its absorption capacity, it should be disposed of in accordance with all local, state, and federal laws. Disposal options will vary and should be assessed on a case-by-case basis.

**LANDFILLS:** Under most circumstances, HA2 Supra-L will pass a TCLP (toxicity characteristic leach ability procedure) and can be disposed of as non-hazardous solid waste. In the case of hazardous certification of the spent material should be disposed of in appropriate facilities or methods.