PRODUCT SPECIFICATION SHEET

SUPRA

SIR-950

SPECIALTY ADSORBANT

FLUORIDE & ORGANICS SELECTIVE
BONE CHAR ADSORBANT

ResinTech SIR-950 is a specially manufactured bone char carbon. It is a granular activated carbonaceous material that has a unique combination of hydroxyapatite [Ca10(PO4)6(OH)2] and carbon. SIR-950 is intended for the removal of fluoride from water as well as the removal of heavy metals, taste and odor, and other contaminants commonly found in water.

APPLICATIONS

- Fluoride Removal

TYPICAL PROPERTIES & PHYSICAL CHARACTERISTICS	
Functional Group	Hydroxyapatite
Physical Form	Carbonaceous Granules
Particle Size	12 to 50 US Mesh (297 - 1680 µm)
% < 50 mesh (300µm)	< 1%
Temp Limit	212°F (100°C)
Color	Black
Uniform Particle Size	Yes

PACKAGING OPTIONS

- 1 ft^3 bags
- 1 ft^3 boxes
- 1 ft^3 drums
- 7 ft^3 drums
- 42 ft^3 supersacks

SUGGESTED OPERATING CONDITIONS

Maximum temperature	140˚F
Minimum bed depth	2 inches in filters 18 inches in tanks
Service flow rate*	
Continuous flow	2 to 5 gpm/cu.ft.
Intermittent flow	15 gpm/cu.ft.

Note: *To minimize possible bio growth, cartridges should be kept cool once wetted.

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

URBANS AQUA

RESINTECH® INC.
INNOVATIONS IN ION EXCHANGE

Revision 1.0
ResinTech, Inc.®

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