

Granular Bone Char

Bone Char is a black, granular solid obtained by calcining cattle bones. Through the calcining process crushed bone is stripped clean leaving carbon and tricalcium phosphate. Bone char has proven to be a valuable filtering media in the purification of sugar syrups, removing dissolved contaminants from aquarium water and removing fluoride from water. Bone char also has a high adsorptive capacity for lead, mercury and arsenic.

General Specifications

Carbon Content	9 - 11%
Acid Soluble Ash	3% max.
Tricalcium Phosphate (Hydroxyapatite)	70 - 76%
Calcium Carbonate	7 - 9%
Calcium Sulfate	0.1 - 0.2%
Surface Area (N ₂ BET Method)	200 m ² /g
Carbon Surface Area	50 m ² /g
Hardness Number	80 min.
Iron	<0.3%
Pore Size Distribution	7.5 - 60,000 nm
Pore Volume	0.225 cm ³ /g
Moisture (as packed)	5 % max.
pH	8-10 Typical
Bulk Density	40 Lbs/Ft ³
Typical Mesh Size Available	5 X 8 / 8 X 24 / 20 X 60

Packaging

55 Pound Bags Net