

Product Data Sheet

Bone Char – Water Grade

Size: 16 / 32 (Additional Sizes Available)

Product Description: Granulated Bone Char from bovine origin. This material is a combination of carbon and hydroxyapatite, a calcium phosphate $Ca_{10}(PO_4)_6(OH)_2$, this is a material with NSF/ANSI 61, KOSHER, HACCP Certification, FDA Registration. Recommended to use in potable water, drinking water, wastewater. Remove the heavy metal (Lead, Iron, Manganese, Zinc, Aluminum), color, THM precursor compounds, Arsenic, Chlorine, Fluorine, Fluoride, Eliminate taste and odors.

Parameter	Specification	Typical Properties
pH		8.5 – 9.5
Moisture as Packed %	5 Max.	
Hardness		95 – 96 Min.
Total Ashes %	1 Max.	
Bulk Density	41.5 – 44.5 lb/ft ³	
Carbon	8.5% Min.	

Mesh Size:

Max. on 16 mesh	5%
Max. through 32 mesh	5%

Particle Distribution:

mm	Micron	Mesh	%
1.00	1000	16	1.3
0.85	850	20	19
0.71	710	24	45.6
0.60	600	28	29.6
0.50	500	32	3.5