

ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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Manganese Sand Filter Material For Removing Iron



1.Description of Manganese Sand Filter Material For Removing Iron:
manganese sand filter material is a kind of ground water treatment filter material, dark brown, nearly round, mainly composed of manganese dioxide, with a content of 35-45%, It can be used to treat groundwater with simple technology, convenient operation, low engineering cost, long-term stability and more than 5 years of use. The purpose of removing iron, manganese, arsenic and other harmful substances in water can be achieved without adding any chemicals. The water quality can completely meet the drinking water standard. Products with $MnO_2 \geq 35\%$ can remove both iron and manganese. Products with $MnO_2 \leq 30\%$ can only remove iron. Products with $MnO_2 \leq 20\%$ are not suitable for use

2.Product physical and technical property

Item	MnO ₂ %	SiO ₂ %	Iron content %	specific gravity g/cm ³	B. D g/cm ³	Hydroch loric acid solubil ity %	Wea r rate %	Sediment percenta ge %
Technici	30-4	17-2	15-2	3.2-3.	1.85-2.	<3.5	≤1.	<2.5

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3. Common specifications of manganese sand filter material: 0.4-0.8mm, 0.5-1.0mm, 0.8-1.2mm, 1.0-2.0mm, 2.0-4.0mm, 4.0-8.0mm. Due to the low strength of manganese sand filter material, it is generally not recommended to select too small products

4. Application: manganese sand filter material iron removal is a contact catalytic iron removal process, which is suitable for iron removal of underground water with iron content less than 20mg / L. The high valence manganese in the product can oxidize the divalent iron in the water to the trivalent iron, and at the same time form the active filter membrane with catalysis on the surface to further improve the iron removal effect. It is commonly used in drinking water iron removal, manganese removal filter, falling water iron removal, manganese removal water purification. Especially suitable for large and medium-sized iron and manganese removal filter

5. Packaging: waterproof plastic woven bag packaging, convenient for waterproof, moisture-proof and transportation

6. Good feedback of product use effect, the products have been exported to Russia, Australia, Oman

7. The manufacturer is a professional manufacturer and can provide complete product index test reports or third-party test reports.

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