

Technical Datasheet

Aqua-mandix

**QMS-No.
GBT51111**

General

Aqua-mandix is a natural, crushed manganese dioxide without additives and free from contamination. Used as a joker for catalytic removal of dissolved iron and manganese in one filtration step. The product will do a very good job already at pH 6,5 and even in presence of NH₄. *Aqua-mandix* will also remove “parts of” As, Al and H₂S if present next to Fe and Mn.

Applications

Filtermedia for

catalytic removal of dissolved iron and manganese with the following advantages

- passes its activity on to the surrounding sand grains,
- does not require ideal pH environment,
- does not require regeneration by KMnO₄.
- works even in presence of NH₄
- will also remove “parts of” As, Al and H₂S

Chemical analysis

		Average figures
MnO ₂	mass-%	78
Fe ₂ O ₃	mass-%	6.2
SiO ₂	mass-%	5.2
Al ₂ O ₃	mass-%	3.1
Moisture	mass-%	< 1

Physical characteristics

		Average figures
Density	g/cm ³	3.5
Bulk density	kg/m ³	2000
Shape	irregular	
Colour	dark brown to black	
Sizes available	0.5-1.0 mm.	

Packaging

- 25 kg PE bags, palletised, shrink-wrapped.
- Big bags à 1 mt.