

Aqua-mandix

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 even if the pH environment is not ideal.

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 KMnO_4

Chemical analysis

		Average figures
MnO_2	mass-%	78
Fe_2O_3	mass-%	6.2
SiO_2	mass-%	5.2
Al_2O_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 paper bags, palletised, shrink-wrapped
- Big bags