

## UMS Manganese Dioxide (0.355mm – 0.85mm)

### Description:

- **Size Range:** 0.355mm – 0.85mm
- **Source:** Brazil
- **Specific Gravity (Water @ 20°C):** 3.5-4.0
- **Bulk Density:** 1950 - 2050kg/m<sup>3</sup>
- **Hardness:** 6 Mohs
- **Grain Shape:** Sub Angular
- **Manganese Dioxide produced to the requirements of BS EN 13752:2009**

### Application:

- Catalytic iron and manganese removal from potable water.

### Available in:

- 25kg poly bags

### Chemical Properties:

Natural manganese ores specially selected for their catalytic activity, free from contamination and with no additives are used in the production of this media. The manganese content varies between 77 – 82% as MnO<sub>2</sub> but the catalytic activity is not dependant upon the manganese content.

Chemical analysis		%
Mn		51
Fe		3.3
Al	Al <sub>2</sub> O <sub>3</sub>	4.1
Si	SiO <sub>2</sub>	1.4

Above figures only relate to one specific test

### Mineralogy

A natural manganese ore comprising the mineral nsutite and to a lesser extent pyrolusite

### Method of use

- Rapid gravity filters
- Pressure Filters

Above data is typical and without warranty and is intended as guide only