

**PYROLUSITE**

Application: filter media

Rev. 0 - 03/24

**CHARACTERISTICS**

Pyrolusite is a highly selected natural mineral, free of additives and impurities, for use as such catalyst in the oxidation of iron and manganese.

The material is used in pressure or gravity filters mixed from 20% to 50% by volume with sand

of suitable grain size (approximately  $0.5 \pm 1.0$  /  $0.7 \pm 1.2$  mm), for the removal of iron and manganese from water by catalytic oxidation.

Pyrolusite is manganese dioxide of excellent quality and specific purity for use in the treatment of drinking water, obtained from washing, drying and screening of mineral selected for catalytic activity.

recommendation.

Pyrolusite complies with the UNI ISO EN 13752 standard "Products for the treatment of water intended for human consumption – manganese dioxide

**SUPPLY SPECIFICATIONS**

Bags of Kg 25 on pallet

**Drinking use.**

**TECHNICAL DATA**

<b>Code</b>	<b>48100019</b>
<b>Indexes</b>	Typical values
<b>Appearance</b>	Grains
<b>Color</b>	Dark brown
<b>Grain size</b>	$0.355 \pm 0.850$ mm
<b>Apparent density</b>	2,000 g/l
<b>Hardness (Mohs scale)</b>	$3 \pm 5$
<b>Manganese content</b>	80%

**AVERAGE DELIVERY TIMES**

2-3 weeks