PYROLUSITE

- REF. RA069;
- PYROLUSITE is manganese dioxide (MnO₂) of very good quality and pureness obtained by washing, drying and screening of mineral selected for the specific catalytic activity;
- used as catalyst for the reduction of iron, manganese and hydrogen sulphide dissolved in the water, by sand filters, mixed at 20% with sand 0,6 ÷ 1,2 mm;
- does not require a compulsory regeneration with KMnO₄, but you can do a continuous chlorination or a chlorination during the backwash;
- PYROLUSITE complies the standard UNI ISO EN 13752 “Products for potable water treatment”;
- hardness 3° ÷ 5° Mosh;
- available in 25 kg bags.

PHYSICAL PROPERTIES:

<table>
<thead>
<tr>
<th>Colour</th>
<th>brown</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulk density (g/l)</td>
<td>2000</td>
</tr>
<tr>
<td>Effective size (mm)</td>
<td>0,3 ÷ 0,8</td>
</tr>
<tr>
<td>Mn (%)</td>
<td>80</td>
</tr>
</tbody>
</table>

OPERATING CONDITIONS:

<table>
<thead>
<tr>
<th>Composition</th>
<th>Mixed at 20% volume with sand size 0,6 ÷ 1,2 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suggested filtration speed (m/h)</td>
<td>10</td>
</tr>
<tr>
<td>Max backwash speed (m³/h m²)</td>
<td>25</td>
</tr>
<tr>
<td>Min contact time (min)</td>
<td>6</td>
</tr>
</tbody>
</table>