PRINCIPAL APPLICATIONS

Hard water softening, pure water preparation, hydrometallurgy, rare elements separation

Application standards:

1. PH: 1-14
2. Max operation temperature: hydrogen type ≤100°C, sodium type ≤120°C
3. Concentration of actified solution: HCl: 4-5%, NaOH: 4-5%
4. Operational flow: 15-30m/h

REGULATORY APPROVALS

ISO9000 & 14001 & 18001
WQA & FDA
IFANCA Halal Certified
Kosher Certified

TYPICAL PACKAGING

1 ft³ Sack
25 L Sack
5 ft³ Drum (Fiber)
1 m³ Supersack
42 ft³ Supersack
**TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS:**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moisture %</td>
<td>42-48</td>
</tr>
<tr>
<td>Complete exchange capacity (mmol/g)</td>
<td>4.5</td>
</tr>
<tr>
<td>Wet apparent density (g/ml)</td>
<td>0.78-0.88</td>
</tr>
<tr>
<td>Wet true density (g/ml)</td>
<td>1.25-1.3</td>
</tr>
<tr>
<td>Grain size(0.315-1.25mm)</td>
<td>≥95</td>
</tr>
<tr>
<td>Sphere rate after abrasion %</td>
<td>≥95</td>
</tr>
</tbody>
</table>

Similar to USA: Amberlite IR-120, Dowex-50; Russia KY2-8, Japan Diaion SK-1B