PRINCIPAL APPLICATIONS

Used in pure water and high pure water purification, water treatment.

Application standards:

1. PH : 1-9
2. Max operation temperature: OH type ≤ 100°C, Cl type ≤ 40°C
3. Shaping dilatability: (OH - → Cl-) ≤ 28
4. Resin height: 1-3 m
5. Concentration of actified solution: NaOH: 2-4%; HCl: 2-4%
6. Dosage of actified solution: HCl (2-4%) volume: resin volume = 2-3:1
   NaOH (4%) volume: resin volume = 2-3:1
7. Flow of actified solution: 4-6 m/h
8. Regeneration contact time: 30-50 min
9. Conventional well-flushing flow: 15-25 m/h
10. Conventional well-flushing time: about 30 min
11. Operational flow: 15-25 m/h

REGULATORY APPROVALS

ISO 9000 & 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>Index name</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moisture %</td>
<td>58-65</td>
</tr>
<tr>
<td>Complete exchange capacity (mmol/gdry)</td>
<td>≥7.2</td>
</tr>
<tr>
<td>Wet apparent density (g/ml)</td>
<td>0.70-0.80</td>
</tr>
<tr>
<td>Wet true density (g/ml)</td>
<td>1.07-1.12</td>
</tr>
<tr>
<td>Grainsize (0.315-1.25mm)</td>
<td>≥95</td>
</tr>
<tr>
<td>Sphere rate on ooze grind %</td>
<td>≥90</td>
</tr>
</tbody>
</table>

similar to USA : Amberlite IRA-93 .