PRINCIPAL APPLICATIONS

Used in high speed mixed bed water treatment, water treatment, recycling of heavy metal

Application standards:

1. PH: 1-14
2. Max operation temperature: OH type ≤40°C, Cl type ≤80°C
3. Shaping dilatability%(Cl→OH-) ≤20
4. Resin height: 1-3m
5. Concentration of actified solution: NaOH:4%; HCl:4-5%
6. Dosage of actified solution: HCl(4-5%) volume:resin volume = 2-3:1
   NaOH(4%) volume:resin volume = 2-3:1
7. Flow of actified solution: 4-6m/h
8. Regeneration contact time: 30-60min
9. Conventional well-flushing flow: 15-25m/h
10. Conventional well-flushing time: about 30min
11. Operational flow: 10-25m/h; high flow 80-100

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>Index name</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moisture %</td>
<td>50-60</td>
</tr>
<tr>
<td>Complete exchange capacity (mmol/g)</td>
<td>4.0</td>
</tr>
<tr>
<td>Wet apparent density (g/ml)</td>
<td>0.65-0.73</td>
</tr>
<tr>
<td>Wet true density (g/ml)</td>
<td>1.06-1.11</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-900; Germany : Lewatit MP-500; Japan : Diaion PA308