SEPPRO® WK-D311

PRINCIPAL APPLICATIONS

Used in pure and high pure water purification, fading of sugar liquid, biochemicals, radiation element.

Application standards:

1. PH : 1-9
2. Max operation temperature: OH type ≤100°C, Cl type ≤40°C
3. Shaping dilatability: (OH → Cl) ≤ 25
4. Resin height: 1-3m
5. Concentration of actified solution: HCl: 2-4%; NaOH: 2-4%;
6. Dosage of actified solution: HCl(2-4%) volume: resin volume = 3-4:1
   NaOH(2-4%) volume: resin volume = 3-4:1
7. Flow of actified solution: 4-6m/h
8. Regeneration contact time: about 30min
9. Conventional well-flushing flow: 15-25m/h
10. Conventional well-flushing time: about 60-120min
11. Operational flow: 15-25m/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>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-68; Germany :AP-9.