PRINCIPAL APPLICATIONS

Ion exchange resin for decolorization of starchy sugar Solution

Application standards:

1. PH : 1-14
2. Max operation temperature: hydrogen type ≤100°C; sodium type ≤120°C
3. Shaping dilatability: (H+ - Na+)9-10
4. Concentration of actified solution: HCL: 2-4%; NaOH: 2-4%
5. Concentration of actified solution: HCl(2-4%) volume:resin volume = 2-3:1 NaOH(2-4%) volume:resin volume = 2-3:1
6. Flow of actified solution: 5-8m/h
7. Operational flow: 10-25m/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>Exchange equivalent weight mmol/g</td>
<td>4.35</td>
</tr>
<tr>
<td>Moisture %</td>
<td>45-55</td>
</tr>
<tr>
<td>Wet apparent density</td>
<td>0.76-0.82</td>
</tr>
<tr>
<td>Wet true density g/ml</td>
<td>1.25-1.28</td>
</tr>
<tr>
<td>Grainsize%(0.315-1.25)mm</td>
<td>≥95</td>
</tr>
<tr>
<td>Sphere rate on ooze grind%</td>
<td>≥90</td>
</tr>
</tbody>
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