Resinex™ N-2 is an inert material, beadlike shaped for use as a covering layer in modern systems (counter-current systems, upflow and downflow) to protect the nozzles of the discharge system from being clogged, and to ensure an uniform distribution through the resin layer during the service run. During regeneration Resinex™ N-2 guaranties an even penetration of the resin with the regenerant for a higher efficiency.

**Typical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Polyethylene</td>
</tr>
<tr>
<td>Form</td>
<td>milky white, beadlike</td>
</tr>
<tr>
<td>Functional group</td>
<td>none</td>
</tr>
<tr>
<td>Bead size (Diameter)</td>
<td>2.50 - 4.00 mm</td>
</tr>
<tr>
<td>Uniformity coefficient</td>
<td>max. 1.20</td>
</tr>
<tr>
<td>Bulk density</td>
<td>620 kg/m³</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>0.93 g/cm³</td>
</tr>
<tr>
<td>Stability, temperature</td>
<td>max. 100°C</td>
</tr>
<tr>
<td>Stability, pH</td>
<td>0-14</td>
</tr>
<tr>
<td>Storability</td>
<td>min. 3 years</td>
</tr>
</tbody>
</table>

**Key Features and Benefits**

- **Uniform Particles**
  - Low pressure drop
  - Perfect distribution of the regenerant
- **Low Specific Gravity**
  - Covering layer above the resin bed
  - Prevent nozzles from being clogged

**Typical Applications**

- **Water Treatment Systems**
  - Counter-current, applicable in packed & fluidized beds

**Standard Packaging**

- 25 lt. PE valve bag
- 1000 litre big bag
Resinex™ N-2
Inert resin

NOTICE
Due to the progressive nature of the Jacobi Carbons Group and the continually improving design and performance of our products, we reserve the right to change product specifications without prior notice. The information contained in this document is intended to assist customers in the evaluation and selection of products supplied by Jacobi Carbons. The customer is responsible for determining whether products and the information contained in this document are appropriate for the customer’s needs. Jacobi Carbons assumes no obligation or liability for the usage of the information in this document, no guarantees or warranties, expressed or implied, are provided. Jacobi Carbons disclaims responsibility and the user must accept full responsibility for performance of systems based on this data.

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Product Packing

25 lit. polyethylene valve bag
42 bags per pallet

Polypropylene FIBC
(big bag), 1.000 lit.

CAUTION
Strong oxidizing agents such as nitric acid can react violently with ion exchange resins and cause explosive type reactions. Before using strong oxidants, consult sources knowledgeable in the handling of these materials.

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RX-N2_eng_Rev11_20150111