BASF catalyst Ni 5565 P RL is applicable in the hydrogenation of a wide variety of edible oil feedstocks. It combines superior activity with good selectivity and filterability. It is extremely resistant to catalyst poisons. It is sold reduced and protected in hardened palm oil droplets.

Suggested Applications

Ni 5565 P RL is applied as catalyst in the full or partial hydrogenation of edible oils. Various vegetable and marine feedstocks can be hydrogenated to products applied in the manufacture of salad and cooking oils, margarines and shortenings. It provides these products the required physical properties and oxidative stability.

Ni 5565 P RL is used as aid in the processing or transformation of raw materials, foodstuffs or their ingredients. However, this product is not suitable for animal or human consumption and body contact and must therefore be removed after use.

Packaging

Standard packing size is 150 kg (331 lbs) net in 210-liter steel drums shipped from De Meern, The Netherlands.

<table>
<thead>
<tr>
<th>Target Properties</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active Metal</td>
<td>Ni</td>
</tr>
<tr>
<td>Metal Content</td>
<td>21,0 %</td>
</tr>
<tr>
<td>Support</td>
<td>Silica/Alumina</td>
</tr>
<tr>
<td>Catalyst Shape</td>
<td>Droplet</td>
</tr>
<tr>
<td>Coating</td>
<td>Fully hardened palm oil</td>
</tr>
<tr>
<td>Applications</td>
<td>Full and partial hydrogenation</td>
</tr>
<tr>
<td>Activity</td>
<td>Superior</td>
</tr>
<tr>
<td>Selectivity</td>
<td>Good</td>
</tr>
<tr>
<td>Filtration</td>
<td>Good</td>
</tr>
<tr>
<td>Versatility</td>
<td>Superior</td>
</tr>
<tr>
<td>Poison Resistance</td>
<td>Superior</td>
</tr>
</tbody>
</table>
About Us

BASF’s Catalysts division is the world’s leading supplier of environmental and process catalysts. The group offers exceptional expertise in the development of technologies that protect the air we breathe, produce the fuels that power our world and ensure efficient production of a wide variety of chemicals, plastics and other products, including advanced battery materials. By leveraging our industry-leading R&D platforms, passion for innovation and deep knowledge of precious and base metals, BASF’s Catalysts division develops unique, proprietary solutions that drive customer success.

BASF - We create chemistry

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