Ni 5275 P RL
Fats and oils hydrogenation catalyst

BASF Ni 5275 P RL is a highly effective catalyst for the hydrogenation of triglycerides to very low iodine values. Ni 5275 P RL shows optimal suppression of nickel soaps, is very poison resistant and has excellent filtration characteristics. Ni 5275 P RL is sold reduced and protected in hardened palm oil droplets.

Suggested Applications

BASF Ni 5275 P RL is recommended for the hydrogenation of edible and inedible oils, fatty acids, triglycerides of animal, marine or vegetable origin, fatty amines and fatty acid monomer. It is a robust catalyst that is suited for hydrogenations carried out at higher temperatures (>200°C).

Ni 5275 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></th>
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</thead>
<tbody>
<tr>
<td>Active Metal</td>
<td>Ni</td>
</tr>
<tr>
<td>Metal Content</td>
<td>22.0%</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>Activity</td>
<td>Superior T&lt;200°C</td>
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<tr>
<td></td>
<td>Good T&gt;200°C</td>
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<tr>
<td>Poison resistance</td>
<td>Superior</td>
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<tr>
<td>Filtration</td>
<td>Good</td>
</tr>
<tr>
<td>Versatility</td>
<td>Acceptable</td>
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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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