Ni 5249 P RS
Nickel Powder Catalyst

BASF catalyst Ni 5249 P RS is a versatile 64% nickel powder catalyst combining a high activity with a superb filterability. The catalyst is sold in reduced-CO$_2$-stabilized form.

Suggested Applications

Ni 5249 P RS is a generally applicable nickel powder catalyst particularly suited for application in which high activity and good filterability is key. It is applied in a wide range of fine chemical applications. It is also used in the saturation of poly alpha olefins and paraffinic waxes. It can furthermore be used in the hydrogenation of C9 and DCPD petroleum resins.

Shelf life

Unique to BASF nickel catalysts is the feature of CO$_2$-stabilization. This provides a multiple year shelf life enabling a reliable back-up charge strategy.

Packaging

75kg (165 lbs) per 210l steel drum, packed in 10 plastic bags each containing 7.5 kg (16.5 lbs) or 90kg (198 lbs) per 210l steel drum, packed in 6 bags of each containing 15kg (33 lbs) shipped from De Meern, The Netherlands.

Target Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active Metal</td>
<td>Ni</td>
</tr>
<tr>
<td>Metal Content</td>
<td>64 %</td>
</tr>
<tr>
<td>Nickel surface area</td>
<td>61 m$^2$/g</td>
</tr>
<tr>
<td>Reduced Value Ratio</td>
<td>0.4</td>
</tr>
<tr>
<td>Packed ABD</td>
<td>0.6 kg/dm$^3$</td>
</tr>
<tr>
<td>Average particle size</td>
<td>7 μm</td>
</tr>
</tbody>
</table>

* These indications do not represent process capabilities nor specifications.
About Us

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