**Ni 0750 E 1/8” RS**

Nickel Fixed Bed Catalyst

BASF catalyst Ni 0750 E 1/8” RS is a versatile hydrogenation fixed bed catalyst. It is a 46% nickel containing conical extrudate that is sold in reduced-CO₂-stabilized form. It can be used in liquid, vapor or liquid bed operations.

**Suggested Applications**

This catalyst is recommended for hydrogenation of various aldehyde streams, as well as purification of lactam streams and natural products such as sugars.

**Shelf life**

Unique to BASF nickel catalysts is the feature of CO₂-stabilization. This provides a multiple year shelf life enabling a reliable back-up charge strategy.

**Packaging**

Standard packing size is 125 kg (275 lbs) net in 210-liter steel drums with plastic liner shipped from De Meern, The Netherlands.

**Typical 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>46 %</td>
</tr>
<tr>
<td>Reduced Value Ratio</td>
<td>0,7</td>
</tr>
<tr>
<td>Packed ABD</td>
<td>0,8 kg/dm³</td>
</tr>
<tr>
<td>Bulk Crush Str.</td>
<td>1,2 MPa</td>
</tr>
<tr>
<td>Surface Area</td>
<td>163 m²/g</td>
</tr>
<tr>
<td>Total Pore Volume</td>
<td>0,5 cm³/g</td>
</tr>
</tbody>
</table>

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

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Americas
BASF Corporation
25 Middlesex/Essex Turnpike
Iselin, New Jersey, 08830, USA
Tel: +1-732-205-5000
Fax: +1-732-205-7725
Email: catalysts-americas@basf.com

Asia Pacific
BASF (China) Company Limited
300 Jiang Xin Sha Road,
Pudong, Shanghai 200137
P.R. China
Tel: +86-21-2039 2549
Fax: +86-21-2039 4800-2549
Email: catalysts-asia@basf.com

Europe, Middle East, Africa
BASF De Meern BV Catalysts
The Netherlands
Tel: +31-30-666 9437
Email: catalysts-europe@basf.com

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