PuriStar® R3-11G T5x3
CuO Tablets

BASF PuriStar® R3-11G is a high-performance material used for the removal of trace impurities from gases and liquids.

BASF PuriStar® R3-11G is offered in tablet form. Each tablet has a nominal diameter of 5 mm and a height of 3mm (approx. 3/16” x 1/8”). The material is of dark-green to black color.

Product Applications

PuriStar® R3-11G is a robust copper based adsorbent for the removal of oxygen from gases and liquids. Due to its larger form and higher CuO content, R3-11G complements the range of applications of Cu-0226.

R3-11G can also be used for the production of ultra-high purity gases by removing hydrogen and/or carbon monoxide by oxidation. In addition, it can be used for polishing these gases by taking up sulfur compounds and other impurities.

An outstanding attribute of R3-11G is the excellent stability of its matrix, which enables excellent repeated regenerations and long-term operation at temperatures as high as 275°C (530°F).

<table>
<thead>
<tr>
<th>Typical Properties</th>
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<tbody>
<tr>
<td><strong>Chemical</strong></td>
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<tr>
<td>CuO</td>
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<tr>
<td>Mg-Silicate and Promoters</td>
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<td><strong>Physical</strong></td>
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<td>Crush Strength</td>
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<td>Bulk Density</td>
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Packaging

- 100 kg net (220.5 lbs) in 120-liter steel drums

Delivery Point

- Ludwigshafen, Germany
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

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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