

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).



Typical Properties

Chemical

CuO	Approx. 45 %
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Mg-Silicate and Promoters	Rest
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Physical

Crush Strength	Approx. 5.0 kg (11 lbs), side wall
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~ 900 kg/m³

(56 lbs/ft³), tapped

~ 830 kg/m³

Bulk Density	(52 lbs/ft ³), sock loaded
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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

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