

H0-14 S3

Pd Impregnated Extrudates

BASF H0-14 is primarily used for the removal of trace amounts of MAPD from propylene containing streams.

BASF H0-14 is offered in the form of extrudates with a diameter of 3 mm (S3).

Product Applications

H0-14 is a highly active catalyst which comprises Palladium on a tailor-made alumina carrier. It is primarily used for the hydrogenation of trace amounts (as low as 2 and up to 300 ppm by mass) of methyl acetylene and propadiene (MA/PD) from liquid streams containing propylene.

Typical applications include the purification of propylene up-stream of polypropylene and polyethylene plants or as part of propylene recovery units (PRU) located downstream of cat cracking units (FCC, DCC or CPP).

Depending on the process, H0-14 can be used up to temperatures of 150° C (300 F). The catalyst will last without regeneration for several years depending on the amount of MAPD or certain impurities (S, heavy metals) present in the feed. In case the catalyst is regenerated, temperatures of up to 450°C (840 F) can be applied.

Typical Properties

Chemical

Pd	0.3 wt%
----	---------

Physical

Crush Strength	> 4.5 kg (10 lbs) knife edge
----------------	------------------------------

Bulk Density	~680 kg/m ³ (42 lbs/ft ³), tapped
	~ 630 kg/m ³ (39 lbs/ft ³) sock loaded

Typical Packaging

- 120 kg net (264.5 lbs) in 210 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-america@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

Although all statements and information in this publication are believed to be accurate and reliable, they are presented gratis and for guidance only, and risks and liability for results obtained by use of the products or application of the suggestions described are assumed by the user. NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH. Statements or suggestions concerning possible use of the products are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe any patent. The user should not assume that toxicity data and safety measures are indicated or that other measures may not be required. © 2015 BASF