

PuriStar[®] R0-25

Pd Impregnated Extrudates

BASF PuriStar[®] R0-25 was developed specifically for the catalytic combustion of organic compounds (VOCs) and other combustible compounds from industrial off-gases.

BASF PuriStar R0-25 is offered in the form of extrudates with a nominal diameter of 6 mm (S6). Smaller diameters may be available on request.

Product Applications

PuriStar R0-25 comprises Palladium on a thermally stable alumina support. Its features include low light-off, robust activity and excellent high temperature stability. Nitrogen compounds, aliphatics, aromatics, olefins, oxygenates, hydrogen and carbon monoxide will be fully oxidized at the required reaction temperatures.

PuriStar[®] R0-25 can also be used to remove Oxygen from hydrogen or hydrocarbon streams. It can tolerate trace levels of sulfur and halogens

Depending on the process, PuriStar[®] R0-25 can be used up to temperatures of 700° C (1290 F).

Typical Properties

Chemical

Pd	0.15 or 0.5 wt%
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Physical

Crush Strength	> 5 kg (11 lbs) knife edge
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Bulk Density	~ 900 kg/m ³ (56 lbs/ft ³), tapped
	~ 840 kg/m ³ (52 lbs/ft ³), sock loaded

Typical Packaging

- 90 kg net (198.4 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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