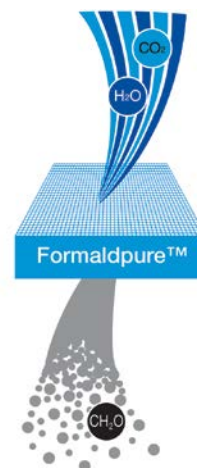


Formaldpure™

Formaldehyde Removal Technology

Building on our strength as the global leader in catalysis, BASF's Formaldpure™ catalyst offers excellent performance on formaldehyde removal. Formaldpure™ targets improving indoor air quality for both commercial and residential applications.

BASF has over 40 years of experience in developing solutions for clean air for wide range of applications. As the global leader in catalysis, BASF is developing various technology to remove numerous gaseous pollutants. The patented Formaldpure™ formulation facilitates conversion of harmful formaldehyde into carbon dioxide and water.



Formaldehyde as Air Pollutant

Formaldehyde is a common indoor air pollutant found in many homes and buildings. It is a colorless gas, and at elevated levels is highly irritating to the eyes, nose, and lungs. Exposure to formaldehyde may cause adverse health effects such as asthma and chronic obstructive pulmonary disorder.

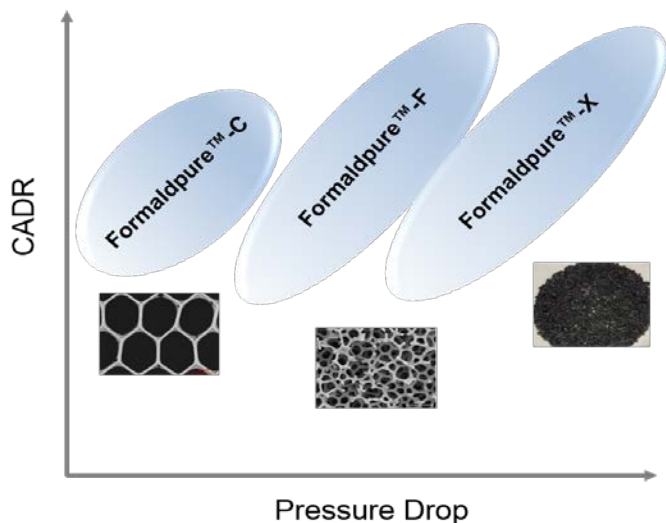
Application Specification

Formaldpure™ removes formaldehyde in any indoor environment including inside of buildings and cabins of automobiles and airplanes. Formaldpure™ provides long lasting, high removal efficiency at room temperature.



Operating Specification

Temperature Range	15°C – 40°C
Formaldehyde concentration	<0.4ppm
Conversion ratio	up to 99%
Relative Humidity	0% - 90%
Pressure Drop	C: 3 – 10 Pa F: 6 – 50 Pa X: 10 – 100 Pa



Contact Us Today

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*CADR= clean air delivery rate -- Unit is m³/h

Product Availability

	Format	Thickness	Benefit
Formaldpure™- C	Metal honeycomb	15 – 50 mm	Low pressure drop
Formaldpure™- F	Foam	5 – 40 mm	Flexible, high efficiency
Formaldpure™- X	Extrudate	Φ: 2 – 4 mm	Long lasting, use for mixing with other pellets

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

www.catalysts.basf.com/iaq

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