

# PremAir® BLD

## Ozone Removal Technology

**PremAir® BLD catalyst technology is designed to convert harmful ozone into oxygen at room temperatures improving indoor air quality for both commercial and residential applications.**

BASF has over 40 years of experience in developing solutions for clean air for a wide range of applications. As the global leader in catalysis, BASF is continuously developing technologies to address developing air quality issues.

PremAir® BLD is a customizable ozone solution to meet your specific needs. By controlling the porosity and depth, we provide you with the ability to remove ozone to non-detectable quantities. BASF's proprietary technology ensures excellent adhesion to prevent dusting and flake off.

With minimal catalyst protection, PremAir® BLD will provide effective ozone conversion for prolonged periods of time. BASF assists its customers in modeling potential performances in specific application.

### Uses for PremAir® BLD

Ozone is used in disinfection scenarios, for example in air purifiers, HVAC and disinfection cabinets, to sanitize items which may be contaminated. PremAir® BLD has been shown to be very effective in eliminating ozone concentrations up to 100ppm in short periods of time.

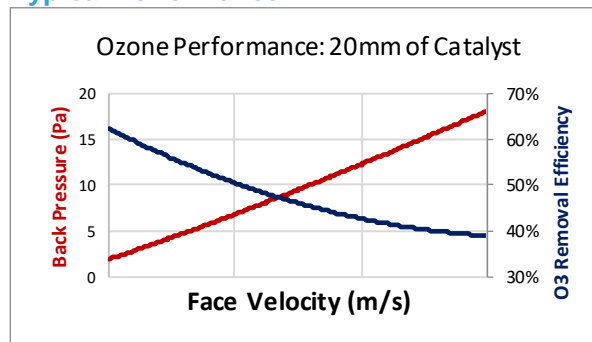
Ozone is also a by-product for other popular air purification methods such as plasma technology and UV lights. In combination with PremAir® BLD, ozone exposure can be mitigated. When incorporated into an air purifier utilizing these technologies, PremAir® BLD contributes to a safer indoor air environment.

### Operating Specifications

Temperature Range	10 - 90 °C
Relative Humidity	0 - 90 %
O3 Concentration	Up to 100 ppm
Pressure Drop at 2m/s face velocity	<10 Pa

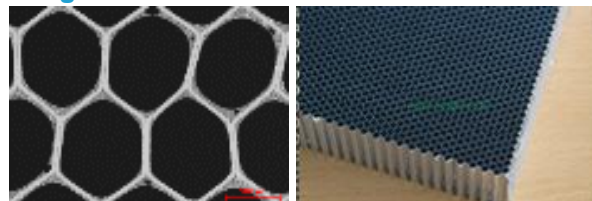
\* These indicative properties do neither represent process capabilities nor specifications.

### Typical Performance



\*Results may vary under different settings. Check with your BASF representative to discuss your exact conditions

### Images



### Packaging

Please contact your BASF representative to create the individual packaging size of your needs.

## 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



Indoor Air Quality



Aircraft & Aerospace



Power  
Generation/Utilities



Industrial Process  
Manufacturing

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