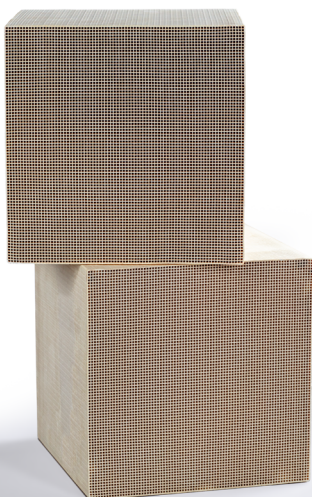


DNA – Ammonia Oxidation Catalyst

A superior solution for the removal of ammonia

Ammonia is crucial for reducing NO_x emissions through SCR technology and is widely used in various chemical processes. However, while it will also play an important role as a carbon-free, climate-friendly fuel for internal combustion engines and power generation, the toxic properties of ammonia are an increasing concern for legislators, environmental organizations, and consumers.

To address this, Umicore offers a unique catalyst technology for an efficient and cost-effective abatement of ammonia emissions.

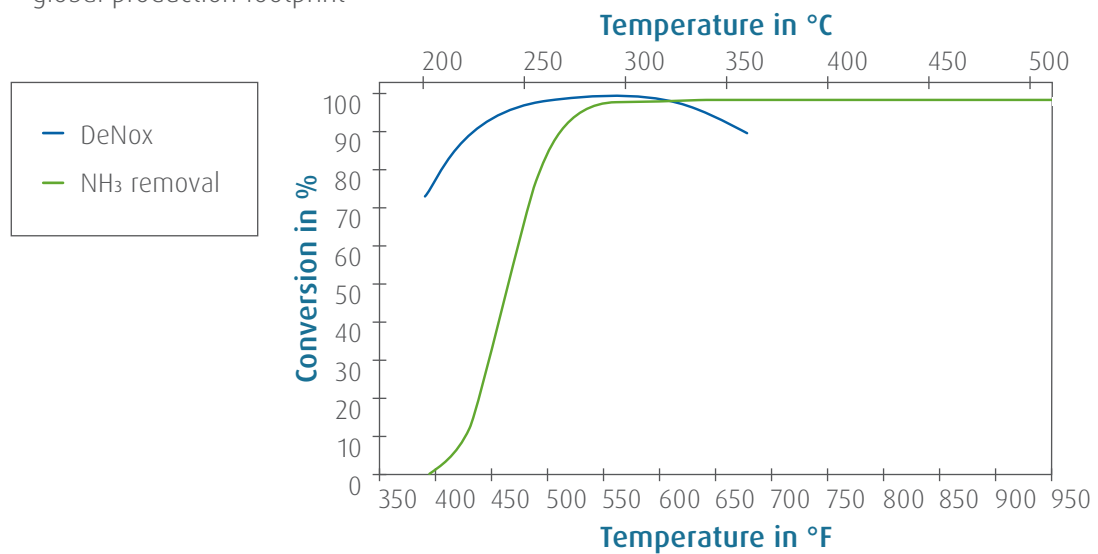


DNA benefits:

- Highly selective oxidation of ammonia
- Additional capability for CO and VOC removal
- Wide range of design temperature from 480-1020 °F (250- 550 °C)
- Low pressure drop
- Local manufacturing through Umicore's global production footprint

Typical applications:

- Diesel engines – avoid ammonia slip in applications with high NOx reduction
- Ammonia-fueled engines and boilers – reduce unburnt fuel residues
- Industrial processes – knock down ammonia in the off-gas



With over 40 years of experience in catalytic emission control, Umicore offers solutions for a wide range of applications and industries. We have more than 5,000 industrial references for catalytic oxidation, SCR, catalytic particulate filtration, ammonia oxidation and N₂O reduction catalysts, making Umicore the right partner for a cleaner and decarbonized world.

Visit us on the web and find your local contact person



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