



The Chemical Company

Product Data Sheet

DD-6, DD-PG and DD-PGS

Peroxide Grade Aluminas

An exceptionally high surface area alumina developed specifically for service in hydrogen peroxide production.

BASF DD-6 alumina provides excellent performance for both deepoxidation and reversion of hydrogenated surface area and decreases quinone retention on the spent product.

Available Packaging

- 2000 lb super sacks
- 300 lb steel drum

BASF DD-PG alumina is a similar product with specifically tailored particle size distribution. BASF also provides an option for customers requiring spherical alumina, DD-PGS, in 3/16" diameter size.

Typical Chemical Composition (%)

Al ₂ O ₃	92.0
Na ₂ O	0.35
SiO ₂	0.03
LOI (1000° C)	8.0

Typical Physical Properties

Total Pore Volume, cc/g	0.52
Macroporosity >750 Å, cc/g	0.18
Surface Area, m ² /g	380
Bulk Density, lbs/ft ³	40
Sizes (Tyler mesh)	8x14, 14x28, 3/16" diameter spheres

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. By leveraging our industry-leading R&D platforms, passion for innovation and deep knowledge of precious and base metals, BASF Catalysts develops unique, proprietary catalyst and adsorbent solutions that drive customer success.

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All data represents typical product properties and are based upon BASF standard test methods. All test methods are available upon request.

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