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Product Data Sheet

DD-6 8x14 Mesh

Peroxide-Grade Granular Alumina

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

BASF DD-6 8x14 Mesh activated alumina provides excellent performance for epoxide reversion, removal of hydrogenation byproducts, and reducing quinone retention on the spent product.

Typically placed after the hydrogenation bed, a slipstream is continuously treated with this alumina to improve the quality of the working solution. The high external and internal surface area of BASF DD-6 provides superior performance vs. denser, lower surface-area materials.

DD-6 8x14 Mesh is a granular material with a particle size range ideal for liquid-phase applications via optimum mass transfer and rapid adsorption kinetics.

Available Packaging

2000 lb (907.185 kg) super sacks

Typical Chemical Composition* (%)	
Al_2O_3	92.0
Na_2O	0.35
SiO_2	0.03
LOI (250 - 1000°C)	8.0

*These indicative properties represent typical results, not product specifications

Typical Physical Properties*	
Total Pore Volume (cc/g)	0.52
Macropore Volume (>75 nm) (cc/g)	0.18
Surface Area (m^2/g)	350
Packed Bulk Density [lb/ft^3 (kg/m^3)]	40 (641)
Particle Size Range (mm)	0.8 – 2.4

*These indicative properties represent typical results, not product specifications

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BASF is a leading global manufacturer of catalysts for the chemical industry, with solutions across the chemical value chain. The business comprises chemical catalysts and adsorbents and custom catalysts. Priority is given to developing new and improved products that enable the chemical industry transformation to net-zero emissions.

BASF's chemical catalysts and adsorbents business is part of the company's Performance Chemicals division. The division's portfolio also includes refinery catalysts, fuel and lubricant solutions, as well as oilfield chemicals and mining solutions. Customers from a variety of industries including Chemicals, Plastics, Consumer Goods, Energy & Resources and Automotive & Transportation benefit from our innovative solutions

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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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