

PP-101 Granular Alumina

Granular Activated Alumina

BASF's PP-101 alumina is a high surface area, high porosity granular activated alumina with applications in catalysts formulations and specialty products.

Applications

BASF PP-101 product is a high performance activated alumina. Its unique characteristic includes exceptionally high surface area, high porosity and high purity. Typical applications involve dehydration of gases (as a desiccant), water purification and catalysts intermediates. BASF PP-101 alumina is used in formulating products where high surface area of the alumina matrix is essential.

PP-101's particle size distribution is relatively broad with most particles being in 14x48 mesh but also includes fines. It is a cost-efficient solution for applications where unique properties of high-quality activated alumina are important but wider distribution of particles is acceptable. Custom distributions are available on special request.

Available Packaging

- 2000 lb super sacks
- Bulk trucks

Typical Chemical Composition (%)	PP-101
SiO ₂	< 0.03
Fe ₂ O ₃	< 0.01
Na ₂ O	< 0.4
LOI (250° – 1100°C)	8
Residual Moisture (dried at 250°C for 30 minutes)	4

Typical Physical Properties	PP-101
Surface Area, m ² /g	360
Packed Bulk Density, lbs/ft ³ (kg/m ³)	46
Average Particle Size, mm (average size)	0.6-0.65
Bayerite, wt %	2

About Us

BASF is a leading global manufacturer of catalysts for the chemical industry, with solutions across the chemical value chain. The business comprises chemical catalysts, 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.

BASF - We create chemistry



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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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