



Shanghai PingYiao Trading CO., Ltd.

Sorbead AF125

Water-resistant, aluminum-free silica gel adsorbent, also known as KC-Trockenperlen AF125

BASF Sorbead[®] AF125 is a water-resistant, aluminum-free silica gel adsorbent. Its primary uses are for acetylene drying and as protective layer for other adsorbents and catalysts.

The patented BASF Sorbead line of highly efficient adsorbents are alumino-silicate gels in the form of hard, spherical beads, with a very high resistance to crushing and a low attrition rate. Sorbead adsorbents have a longer life than most other adsorbents and can reduce operating costs in most applications.

Sorbead AF125 is a 100% water-resistant, aluminum-free, large-porous silica gel. These properties qualify Sorbead AF125 as an excellent carrier material for catalysts of all nature.

Sorbead AF125's reduced catalytic activity reduces polymerization effects and should be used to protect adsorbents as well as catalysts of all nature from liquid carryover in order to increase the reliability of the system.

Typical distribution of grain size

3.0 – 5.0 mm

Packaging

Big bag 1,100 lbs

Steel drums 200 L

Typical Properties

Chemical Composition	SiO ₂	100 wt. %
Surface Area (BET)	350 m ² /g	

Shanghai PingYiao Trading CO., Ltd.

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Pore Volume	1 cm ³ /g	
Packed Bulk Density	28 lb/ft ³	
Crushing Strength	80 N	
Liquid Water Resistant	Yes	

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 develop unique, proprietary catalyst and adsorbent solutions that drive customer success.

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