



Shanghai PingYiao Trading CO., Ltd.

Sorbead LE-32

High-performance adsorbent for special applications, also known as KC-Trockenperlen LE-32

BASF Sorbead[®] LE-32 is a high-performance, acid-resistant silica adsorbent for dehydration and separation processes.

The 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 LE-32 is a water-resistant silica gel with very low aluminium content.

Due to its very high drying capacity, Sorbead LE-32 is very much suited for air dehumidification and adsorption heat storage. Besides general drying applications, Sorbead LE-32 is also used for separation of CO₂ from gas mixtures.

Typical distribution of grain size

1.0 – 4.0 mm

Packaging

Big bag 600 kg

Steel drums 200 L

Typical Properties

Chemical Composition	SiO ₂	99.5 wt. %
	Al ₂ O ₃	0.5 wt. %
Surface Area (BET)	750 m ² /g	
Pore Volume	0.45 cm ³ /g	
Equilibrium Capacity for	10 % R.H.	7.5 wt. %

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Water Vapor at 25° C	80 % R.H.	41 wt. %
Packed Bulk Density	0.6 kg/L	
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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