



Zhengzhou SnowMountain Industrail Co., Ltd

郑州雪山实业股份有限公司

Lithium Molecular Sieve Powder

Introduction

Molecular sieve powder or zeolite powder, is the main raw material for the production of molecular sieve. It adopts the hydrothermal synthesis method to react with sodium aluminate, sodium silicate, sodium hydroxide and water at a certain temperature. The molecular sieve raw powder has the characteristic skeleton of molecular sieve.

Lithium molecular sieve powder, is the raw materials of oxygen molecular sieve, widely used in steel, non-ferrous metallurgy, chemical industry, furnace energy-saving renovation, environmental protection, papermaking, aquaculture, health care and other industries.

Technical Specification

Type	MSX	LSX	NaLSX	LiLSX	CaLSX
Bulk Density(g/ml)	≥ 0.64	≥ 0.60	≥ 0.60	≥ 0.60	≥ 0.60
Static CO ₂ Adsorption(%)	≥ 23.5		≥ 20		
Static H ₂ O Adsorption(%)	≥ 33.00	≥ 33.00	≥ 33.00	≥ 33.00	≥ 33.00
Water Content(%)	≤ 25	≤ 25	≤ 27	≤ 27	≤ 27
N ₂ Adsorption(ml/g)				≥ 25	≥ 26
PH Value	≤ 11	≤ 11	≤ 11	≤ 11	≤ 11
Screen Residual(%)	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5
Exchange Rate(%)					
SiO ₂ /Al ₂ O ₃	2.3±0.05	2.0±0.1	2.0±0.1	2.0±0.1	2.0±0.1
D50(μm)					



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Application

Widely used in steel, non-ferrous metallurgy, chemical industry, furnace energy-saving renovation, environmental protection, papermaking, aquaculture, health care and other industries

Packing

Drum, sack, or according to customer requirements

Storage

Room temperature; indoor humidity no more than 90%; avoid water, acid, alkali; isolate air; sealed preservation