

13X

Molecular Sieve

MOLECULAR SIEVE

Molecular sieves are synthetically made zeolites, which are having definite pores and uniform dimension cavities. It has three-dimensional structures of silicon dioxide (SiO_2) and aluminium oxide (AlO_4), which is internally connected. Molecular sieve 13X is the sodium form of the type X crystal and has a pore diameter of 10\AA (1.0nm). It will adsorb molecules with a kinetic pore diameter of less than 10 Angstrom and exclude those larger.

Quick Facts

Product	:	13X Molecular Sieve
Stock No	:	NS6130-12-001838
CAS	:	63231-69-6
Form	:	Beads

Application:

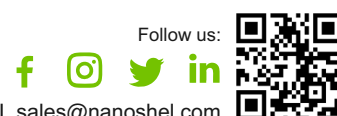
- ✓ Molecular sieve is mainly used in VPSA oxygen concentrator device, with the characteristics of higher N_2 adsorption capacity and N_2 with O_2 selectivity, easy desorption and etc. Its N_2 adsorption capacity is 2-3 times larger than A type oxygen enrichment molecular sieve, while the O_2 and N_2 selectivity is about twice of A type oxygen enrichment molecular sieve, at the same time, it has good wear resistance and longer service life. So, it can significantly increase the economic benefits of oxygen production by lowering operating costs and energy consumption.
- ✓ Portable medical PAS oxygen concentrator
- ✓ PAS oxygen generators
- ✓ VPAS oxygen generators
- ✓ Cryogenic air separation
- ✓ Hydrogen Purification Systems

Purity:
98%



Diameter:
1.6-2.7mm

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ISO 9001:2015
CERTIFIED COMPANY



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