

13X-HP Molecular Sieve



Product Introduction:

13X-HP molecular sieve is a new type of X-type molecular sieve and special molecular sieve for oxygen production. The principle of oxygen generation is as follows: through the pressure swing adsorption of air by the compressor, the air is pumped into the 13XHP molecular sieve, the molecular sieve absorbs nitrogen, carbon dioxide and other waste gases in the air, and only oxygen is left to enter the gas collecting cylinder, which is purified under high pressure through the high pressure valve, and the oxygen is delivered after the concentration of the oxygen generator is raised to the standard.

Xintao 13XHP molecular sieve, with high nitrogen adsorption capacity, excellent nitrogen and oxygen separation coefficient, higher oxygen purity, faster adsorption speed, longer service life and other characteristics, is a good companion for domestic and medical oxygen production systems.

Technical Parameter:

Model	13X-HP Molecular Sieve	
Color	Light gray	
Nominal pore diameter	10 angstroms	
Shape	Sphere	
Diameter (mm)	0.4-0.8	1.6-2.5
Bulk density (g/ml)	≥0.62	≥0.62
Crushing strength (N/PC)	/	≥30.0
N ₂ Capacity (ml/g)	≥8.0	≥8.0
N ₂ /O ₂ Selectivity	≥3.0	≥3.0
Particle Ration (%)	≥95.0	≥97.0
Attrition (%)	≤0.20	≤0.20
Static H ₂ O capacity (wt%) (RH=60%,25℃)	≥30.0	≥30.0
Static CO ₂ capacity (wt%) (250mmHg,25℃)	≥19.8	≥19.8
Loss on Ignition (wt%) (575℃,1hr)	≤1.0	≤1.0

Typical Application: Be mainly used in PSA O₂ concentrator.

Warranty: By National Standard HG/T 2690-2012.

Free consultation during the warranty period.

Attention: Store in a cool & dry place.

Normal Package: 25KG/Steel drum. 125KG/Steel drum.