

Oxygen Enrichment JLOX-500 & JLOX-501

JLOX-500 & JLOX-501 oxygen enrichment molecular sieve are new X type molecular sieve specialized in PSA oxygen generator plant for oxygen producing with high N₂ adsorption capacity and N₂/O₂ selectivity.

Technical Specification

Property	Unit	JLOX-500	JLOX-501	Note
Diameter	mm	1.6-2.5	0.4-0.8	
Static H ₂ O adsorption	wt%	≥29.50	≥29.50	RH75%, 25°C
CO ₂ Adsorption Capacity	wt%	≥19.8	≥19.8	250mmHg, 25°C
N ₂ Adsorption Capacity	ml/g	≥8.00	≥8.00	760mmHg, 25°C
N ₂ /O ₂ Capacity	~	≥3.00	≥3.00	1 atm, 25°C
Bulk Density	g/ml	0.65±0.03	0.65±0.03	Settled
Crush Strength	N	25.00 ± 3	~	Avg. 25 beads
Loss on Attrition	wt%	≤0.30	≤0.30	~
Loss on Ignition	wt%	≤1.00	≤1.00	575° C, 1hr
Particle ratio	wt%	≥97.00	≥95.00	~

Recommended Application:

- JLOX-500 and JLOX-501 molecular sieve are mainly used in PSA oxygen generator for generation of high purity oxygen with the advantages of faster adsorption rate, higher oxygen production rate and longer use life. They are the substitute of 5A (CaA) type molecular sieve.
- JLOX-500 molecular sieve is specifically designed for industrial and medical oxygen generator, and JLOX-501 molecular sieve is for portable oxygen generator.

Packing:

- 55 gallon air-tight iron drum.
- 10 gallon air-tight iron drum.
- ※Other packing according to your requirement.