Oxygen Enrichment Molecular Sieve

JLOX- 100

JLOX-100 oxygen enrichment molecular sieve is the lithium form aluminosilicate with X type crystal structure. And it is specially developed and designed molecular sieve for oxygen production from air with international advanced level.

Technical Specification

Property	Unit	JLOX-100	JLOX-101A	JLOX-103	Note
Diameter	mm	1.6-2.5	0.4-0.8	1.3-1.7	
N_2 Adsorption Capacity	ml/g	≥22	≥22	≥22	1 bar, 25℃
Selectivity	~	≥6.2	≥6.2	≥6.2	~
Crush Strength	N	22~28	~	≥11	Average
Bulk Density	g/ml	0.63±0.03	0.62±0.02	0.63±0.03	Tapped
Water Content	%wt	≤0.5	≤0.5	≤0.5	KF,550℃

Application:

JLOX-100 oxygen enrichment 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.

Packing:

55 gallon air-tight iron drum, 125kg per drum.

※Other packing according to your requirement.

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