

**JALON JLOX-100 Series Oxygen Enrichment Molecular Sieve Beads**
**Product Description**

JLOX-100 series oxygen enrichment molecular sieve is the lithium form aluminosilicate with X type crystal structure. It is specially developed and designed to maximize oxygen production. It is the most efficient molecular sieve for oxygen production.

TYPICAL PROPERTIES					
Property	Unit	JLOX-100	JLOX-101A	JLOX-103	Notes
Diameter	mm	1.6 - 2.5	0.4 - 0.8	1.3 - 1.7	
N <sub>2</sub> Adsorption Capacity	ml/g	≥ 22	≥ 22	≥ 22	1 bar, 25 °C
N <sub>2</sub> /O <sub>2</sub> Capacity	-	≥ 6.2	≥ 6.2	≥ 6.2	-
Bulk Density	g/ml	0.63 ± 0.03	0.62 ± 0.02	0.62 ± 0.03	Tapped
Water Content	wt%	≤ 0.5	≤ 0.5	≤ 0.5	KF, 550 °C

**TYPICAL APPLICATIONS**

JLOX-100 oxygen enrichment molecular sieve is mainly used in oxygen concentrator devices, with the characteristics of higher N<sub>2</sub> adsorption capacity and N<sub>2</sub> with O<sub>2</sub> selectivity and easy desorption. Its N<sub>2</sub> adsorption capacity is 2-3 times larger than 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.

**PACKAGING**

Available in 25 kg drums and 125 kg drums on request.

**HANDLING & STORAGE RECOMMENDATIONS**

Store in a dry location to prevent unintentional water adsorption. Reseal packages after opening to prevent contamination and unintended water adsorption. We recommend that you rotate stock so oldest material is used first.

**HEALTH & SAFETY INFORMATION**

Health and safety information is available on our product SDS, which can be downloaded from our website [interraglobal.com](http://interraglobal.com) or by contacting Interra Global at 847.292.8600.

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