

JALON JLOX-500 Series Oxygen Enrichment Molecular Sieve Beads**Product Description**

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

TYPICAL PROPERTIES				
Property	Unit	JLOX-500	JLOX-501A	Notes
Diameter	mm	1.6 - 2.5	0.4 - 0.8	
N ₂ Adsorption Capacity	ml/g	≥ 8.00	≥ 8.00	1 bar, 25°C
N ₂ /O ₂ Capacity	-	≥ 3.00	≥ 3.00	-
Bulk Density	g/ml	0.65 ± 0.03	0.65 ± 0.03	Avg. 25 beads
Loss on Ignition	wt%	≤ 1.00	≤ 1.00	575°C, 1hr

TYPICAL APPLICATIONS

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

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 or by contacting Interra Global at 847.292.8600.

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