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JLOX-300

Our JLOX-300 molecular sieve is an advanced adsorbent engineered for improved performance in air separation plant pre-purification units (APPU). It has significantly greater CO2 adsorption capacity compared with normal 13X. The improved CO2 capacity of JLOX-300 offers several benefits for air separation plant designers as well as plant owners and operators. For new unit designs, the use of JLOX-300 can reduce the APPU size and lower plant capital and operating costs. JLOX-300 can also be used for plant revamps to reduce energy consumption or increase plant production capability.

Property	Unit	JLOX-300	JLOX-305	Note
Diameter	mm	1.6-2.5	3.0-5.0	
CO_2 Adsorption Capacity	%wt	≥6	≥6	2.5mmHg, 25℃
Bulk Density	g/ml	≥0.62	≥0.62	Tapped
Water Content	%wt	≤1.0	≤1.0	KF, 550℃
Loss on attrition	%wt	≤0.30	≤0.30	~
Crush strength	N	≥25	≥70	Avg. 25 beads

Packing:
55 gallon air-tight iron drum with aluminum foil bag.