

## Molecular Sieve JLOX-100 Series

**Molecular Sieve JLOX-100 Series** are the lithium form aluminosilicate with X-type crystal structure, and it is specially developed and designed molecular sieve for oxygen enrichment application.

| Property                                   | Unit | JLOX-101A | JLOX-103A | Note          |
|--|------|-----------|-----------|---------------|
| Diameter                                   | mm   | 0.4-0.8   | 1.2-1.7   |               |
| Static N <sub>2</sub> Adsorption           | ml/g | ≥22.00    | ≥22.00    | 760mmHg, 25°C |
| Bulk Density                               | g/ml | 0.60-0.64 | 0.60-0.64 | Tapped        |
| Crush Strength                             | N    | -         | ≥11       |               |
| N <sub>2</sub> /O <sub>2</sub> Selectivity | /    | ≥6.2      | ≥6.2      | 760mmHg, 25°C |
| Water Content                              | %wt  | ≤0.5      | ≤0.5      | KF, 550°C     |

### Recommended Application:

Molecular Sieve JLOX-103A are designed for VPSA oxygen generation unit, and JLOX-101A is typically used for portable oxygen concentrator.

### Packing:

- 10 gallon air-tight iron drum with 25kg net weight
- 55 gallon air-tight iron drum with 125kg net weight
- Other packing according to your requirement.