

Lithium based Molecular Sieve



Product Introduction:

Lithium based molecular sieve, is a synthetic zeolite of lithium-type crystal structure, large Nitrogen adsorption capacity, high efficiency of oxygen/nitrogen separation.

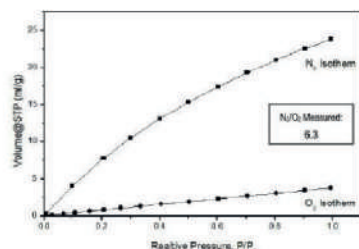
Xintao Lithium based molecular sieve, has the advantages of high N₂ adsorption capacity, high N₂ and O₂ separation efficiency, high purity of oxygen and long service life.

Technical Parameter:

Model	Lithium based Molecular Sieve		
Color	Light yellow		
Shape	Sphere		
Diameter (mm)	0.4-0.8	1.3-1.7	
Bulk density (g/ml)	0.63-0.67	0.61-0.65	
Crushing strength (N/PC)	≥6	≥15	
Static N ₂ adsorption (%)	≥22	≥22	
N ₂ /O ₂ separation	≥6	≥6	
Water content (%)	≤0.5	≤0.5	
Wear ratio (%)	≤1	≤1	

Typical Application: Be mainly used in the VPSA O₂ unit, the O₂ and N₂ separation, the production of industrial and medical oxygen rich.

The chart indicates: Xintao Lithium based molecular sieve(The temperature is 25℃). It shows high N₂/O₂ separation under a very low pressure, which lowers the consumption of producing oxygen. The advantage of on the equilibrium adsorption capacity, It applies to various VPSA device for producing oxygen.



Warranty: Free consultation during the warranty period.

Attention: Store in a cool & dry place.

Normal Package: 25KG/Steel drum.