

13X Molecular Sieve

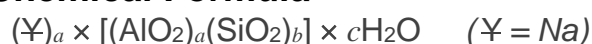


www.moleculartek.com
moleculartek@gmail.com

Description

13X Molecular Sieve is specially designed in a small beaded form for rapid adsorption/desorption characteristics. This product can be used for oxygen generation and has a high adsorption capacity, high selectivity, and offers high oxygen purity levels, while remaining strong. This product also can also be applied in cryogenic separation, petroleum purification, and refining applications.

Chemical Formula



Specifications

| Molecular Sieve | | | |
|------------------------------------|--------------------|-------------|--|
| Type 13X | | Beads | |
| Property | Unit | 20x40 Mesh | |
| Diameter | mm | 0.5 - 1.0 | |
| Bulk Density | lb/ft ³ | 39.0 - 43.0 | |
| Static H ₂ O Adsorption | wt% | ≥28.0 | |
| Static CO ₂ Adsorption | wt% | ≥19.0 | |
| Attrition | wt% | ≤0.2 | |
| Moisture Content | wt% | ≤1.0 | |

Industries Used

oxygen production
dehydration
cryogenic separation

oxygen concentrators
petroleum gas

air separation
refining

Storage

Molecular sieve is an adsorbent and should not be left exposed to open air to prevent water from being adsorbed before its intended use. This product should be stored in dry conditions with air-proof packaging.