

# HYGB100N

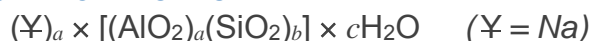
FOR OXYGEN GENERATION

## DESCRIPTION

*HYGB100N* is specially manufactured for oxygen generation and can selective remove nitrogen, carbon dioxide, and other contaminants from feed gas. This purification process creates ultra-high purity oxygen that can be used in as an input gas or for breathing oxygen. This molecular sieve appears as a small bead, which offers rapid adsorption/desorption rates and a quick mass transfer.

- used to remove impurities from oxygen streams
- capable of generating ultra-high purity streams of oxygen
- allows oxygen to be used as an input gas for other processes
- small beads offer rapid adsorption/desorption rates

## CHEMICAL FORMULA



## SPECIFICATIONS

Molecular Sieve		
HYGB100N		Beads
Property	Unit	20x35 Mesh
Diameter	mm	0.5 - 0.8
Qualified Size Ratio	%	≥90
Bulk Density	g/mL ( <i>lb/ft<sup>3</sup></i> )	0.67-0.73 ( <i>41.5-45.5</i> )
N <sub>2</sub> /O <sub>2</sub> Separation	-	≥3.0
Static N <sub>2</sub> Adsorption	mL/g	≥9.0
Attrition	wt%	≤0.20
Moisture Content	wt%	≤0.75
Packaging Options	140kg ( <i>308.6lb</i> ) / Drum; 25kg ( <i>55.1lb</i> ) / Drum	

## INDUSTRIES USED

medical oxygen generation

oxygen concentrators

portable oxygenators

## STORAGE

As an adsorbent, molecular sieve should not be left exposed to open air and should be stored in dry conditions with air-proof packaging.

## CONNECT WITH US...

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