

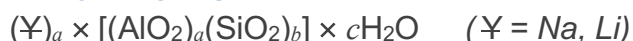
# HYGB100C

## MOLECULAR SIEVE

### DESCRIPTION

HYGB100C is specially designed for oxygen generation in oxygen/nitrogen separation processes and is typically used in large scale oxygen separation applications. Compared to standard molecular sieves, this low-dust product offers exceptionally high capacity and efficiency due to its selectivity, while remaining strong and offering a long lifespan.

### CHEMICAL FORMULA



### SPECIFICATIONS

Molecular Sieve		Beads	
HYGB100C		10x16 Mesh	8x14 Mesh
Property	Unit		
Diameter	mm	1.2 - 1.8	1.4 - 2.4
Bulk Density	g/mL ( <i>lb/ft<sup>3</sup></i> )	0.60-0.64 ( <i>37.5-40.0</i> )	0.60-0.64 ( <i>37.5-40.0</i> )
Crush Strength	N ( <i>lbm*ft/s<sup>2</sup></i> )	≥8 ( <i>≥1.8</i> )	≥12 ( <i>≥2.7</i> )
Static N <sub>2</sub> Adsorption	cc/g	≥22.0	≥22.5
N <sub>2</sub> /O <sub>2</sub> Separation	-	≥6.0	≥6.0
Attrition	wt%	≤1.0	≤1.0
Moisture Content	wt%	≤0.5	≤0.5
Packaging	Beads	130kg ( <i>300lb</i> ) / Drum	25kg ( <i>55.1lb</i> ) / Drum

### INDUSTRIES USED

air separation

oxygen generation

oxygen concentrators

### 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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