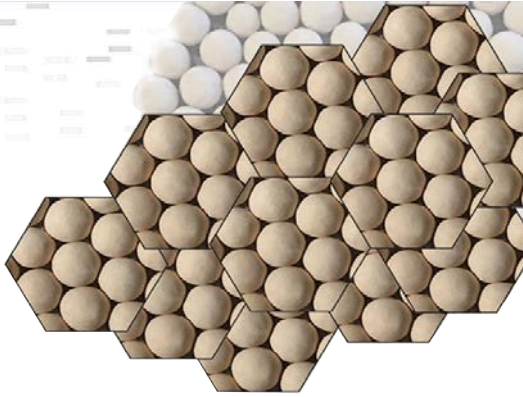
HYD08B

FOR CRYOGENIC AIR SEPARATION



DESCRIPTION

HYD08B is specially manufactured for air purification units to remove traces of nitrogen oxides and light hydrocarbons. This purification process allows feed gas to be further processed in cryogenic separation units. This molecular sieve offers a high adsorption capacity and a specialized selectivity for impurities.

- used to remove impurities from feed gas
- capable of generating dry streams with few impurities
- allows feed gas to be cryogenically separated
- offers a specialized selectivity for impurities

CHEMICAL FORMULA

$(¥)_a \times [(AlO_2)_a(SiO_2)_b] \times cH_2O$ *(¥ = Na, Ca)*

SPECIFICATIONS

Molecular Sieve			
HYD08B		**Beads**	
Property	**Unit**	**8x12 Mesh**	**6x8 Mesh**
Diameter	mm	1.68 - 2.36	2.36 - 3.35
Bulk Density	g/mL *(lb/ft³)*	≥0.62 *(38.7)*	≥0.62 *(38.7)*
Crush Strength	N *(lbm*ft/s²)*	≥20 *(≥4.5)*	≥44 *(≥9.9)*
Static Water Adsorption	wt%	≥26.0	≥26.0
Static CO_2 Adsorption	wt%	≥18.0	≥18.0
Attrition	wt%	≤0.1	≤0.1
Moisture Content	wt%	≤0.8	≤0.8
Packaging Options	1,000kg *(2,204.6lb)* / Super Sack; 140kg *(308.6lb)* / Drum		

INDUSTRIES USED

air prepurification

cryogenic air separation

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…

Hengye Inc.
11999 Katy Frwy, Suite 588
Houston, Texas 77079
Office (832) 288-4288
Fax (832) 288-4230
info@hengyeinc.com

HENGYE®

ISO 9001:2008 ISO 14001:2004