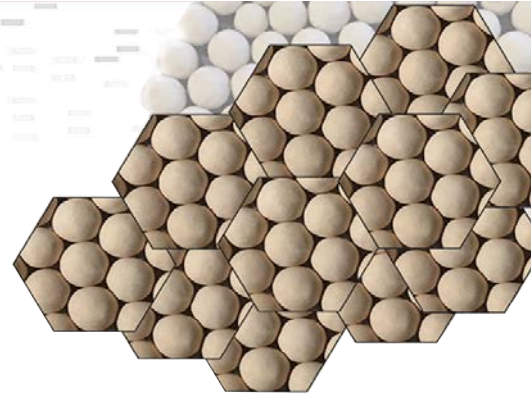


HYGB500A

FOR HYDROGEN GENERATION



DESCRIPTION

HYGB500A is specially manufactured for hydrogen generation and selectively removes contaminants such as water, carbon monoxide (CO), carbon dioxide (CO₂), nitrogen, and methane from hydrogen gas streams. This purification process allows hydrogen to be used as process gas in an array of refining processes. This molecular sieve can create a high purity hydrogen stream that is suitable for use in refining processes.

- used to remove impurities from hydrogen streams
- capable of generating hydrogen streams with up to 99.9% purity
- allows hydrogen to be used as an input gas for refining processes
- high adsorption capacity for impurities

CHEMICAL FORMULA



SPECIFICATIONS

Molecular Sieve		
HYGB500A		Beads
Property	Unit	8x12 Mesh
Diameter	mm	1.6 - 2.5
Bulk Density	g/mL (lb/ft ³)	0.76-0.80 (47.4-49.9)
Crush Strength	N (lbm*ft/s ²)	≥40 (≥9)
Static Water Adsorption	wt%	≥25.0
Static CO ₂ Adsorption	wt%	≥17.5
Attrition	wt%	≤0.3
Moisture Content	wt%	≤1.0
Packaging Options	1,000kg (2,204.6lb) / Super Sack; 150kg (330.7lb) / Drum	

INDUSTRIES USED

hydrogen generation

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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