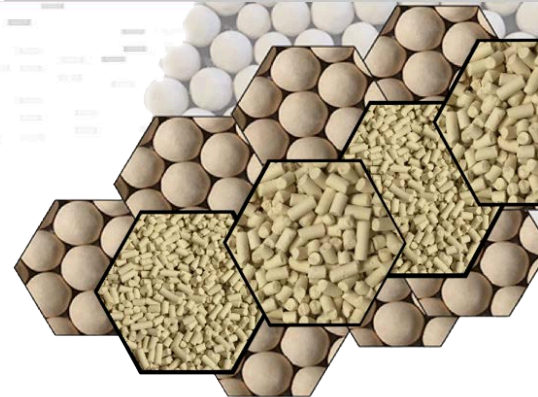


HYD10A

FOR OXYGEN GENERATION

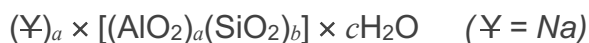


DESCRIPTION

HYD10A is specially manufactured for oxygen generation and selectively removes contaminants such as water, carbon dioxide, and more from feed gas. This purification process allows oxygen to be used in compressors, pneumatic equipment, or as a process gas. This molecular sieve offers high adsorption capacity and an ideal selectivity for impurities.

- used to remove impurities from oxygen streams
- capable of generating high purity streams of oxygen
- allows oxygen to be used as an input gas for other processes
- offers a wide selectivity for impurities

CHEMICAL FORMULA



SPECIFICATIONS

Molecular Sieve					
HYD10A		Beads		Pellets	
Property	Unit	4x8 Mesh	8x12 Mesh	1/16 Inch	1/8 Inch
Diameter	mm	2.36 - 4.76	1.68 - 2.36	1.5 - 1.8	3.0 - 3.3
Bulk Density	g/mL (lb/ft ³)	0.65-0.71 (40.6-44.3)	0.66-0.72 (41.2-44.9)	0.61-0.67 (38.1-41.8)	0.60-0.66 (37.4-41.2)
Crush Strength	N (lbm*ft/s ²)	≥80 (≥18)	≥30 (≥6.7)	≥30 (≥6.7)	≥70 (≥15.7)
Static Water Adsorption	wt%	≥26.0	≥26.0	≥25.0	≥25.0
Static CO ₂ Adsorption	wt%	≥17.5	≥17.5	≥16.5	≥16.5
Attrition	wt%	≤0.1	≤0.1	≤0.4	≤0.4
Moisture Content	wt%	≤1.5	≤1.5	≤1.5	≤1.5
Packaging Options	Beads	1,000kg (2,204.6lb) / Super Sack;		140kg (308.6lb) / Drum	
	Pellets	1,000kg (2,204.6lb) / Super Sack;		125kg (275.6lb) / Drum	

INDUSTRIES USED

oxygen 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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