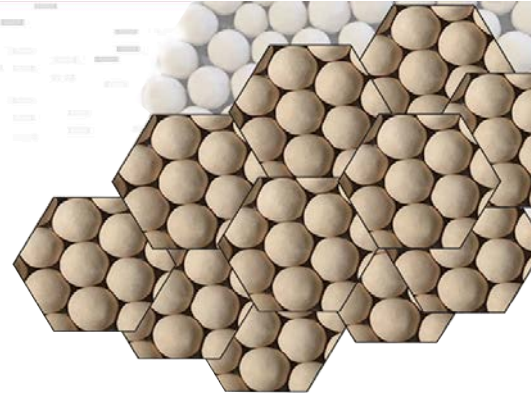


HYZ08G

FOR CRYOGENIC AIR SEPARATION



DESCRIPTION

HYZ08G is specially manufactured for air purification units to remove traces of nitrogen oxides and light hydrocarbons. This purification process allows feed gas to be processed in cryogenic separation units. This molecular sieve offers high adsorption capacity and increased efficiency for impurity removal.

- 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 and increased efficiency for impurities

CHEMICAL FORMULA



SPECIFICATIONS

Molecular Sieve			
HYZ08G			Beads
Property	Unit		8x12 Mesh
Average Bead Size	mm		1.91 - 2.13
Tap Density	g/mL (lb/ft ³)		0.63-0.70 (39.3-43.7)
Crush Strength	N (lbm*ft/s ²)		≥21 (≥4.7)
Nitrogen Adsorption Capacity P/Pmax, 760 torr, 30°C (86°F)	wt%		≥34.9
CO ₂ Adsorption Capacity 250 torr, 25°C (77°F)	wt%		≥20.5
KF at 575°C (1,067°F)	wt%		≤0.5
Attrition	wt%		≤0.5
Packaging Options		Super Sack options available; 140kg (308.6lb) / Drum	

INDUSTRIES USED

air purification

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...

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