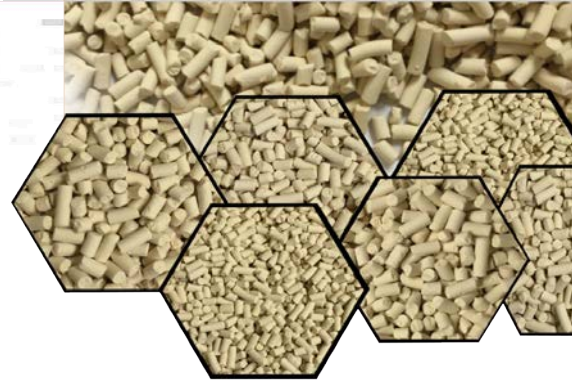


HYZ05B

FOR NATURAL GAS SWEETENING



DESCRIPTION

HYZ05B is specially manufactured for the sweetening of natural gas streams and selectively removes mercaptans and sulfides such as carbonyl sulfide (COS), hydrogen sulfide (H₂S), and carbon disulfide (CS₂). This sweetening process allows natural gas to meet specification for pipeline and environmental regulations. This molecular sieve offers advantageous adsorption kinetics and can create a final product with a higher value.

- used to remove sulfurous compounds from natural gas streams
- capable of removing sulfur to meet pipeline and environmental specification
- allows natural gas to be readily transported or processed in cryogenic separation
- offers advantageous adsorption capacity and selectivity

CHEMICAL FORMULA



SPECIFICATIONS

Molecular Sieve			
HYZ05B		Pellets	
Property	Unit	1/8 Inch	1/16 Inch
Diameter	mm	3.0 - 3.3	1.5 - 1.8
Bulk Density	g/mL <i>(lb/ft³)</i>	0.67-0.73 <i>(41.8-45.6)</i>	0.68-0.74 <i>(42.5-46.2)</i>
Crush Strength	N <i>(lbm*ft/s²)</i>	≥60 <i>(≥13.5)</i>	≥30 <i>(≥6.7)</i>
Static Water Adsorption	wt%	≥21.5	≥21.0
Static CO ₂ Adsorption	wt%	≥15.0	≥15.0
Attrition	wt%	≤0.4	≤0.4
Moisture Content	wt%	≤1.5	≤1.5
Packaging Options	1,000kg <i>(2,204.6lb)</i> / Super Sack; 125kg <i>(275.6lb)</i> / Drum		

INDUSTRIES USED

gas sweetening
natural gas purification

mercaptan removal
sulfur removal

natural gas liquids purification

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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HENGYE



ISO 9001:2008



ISO 14001:2004