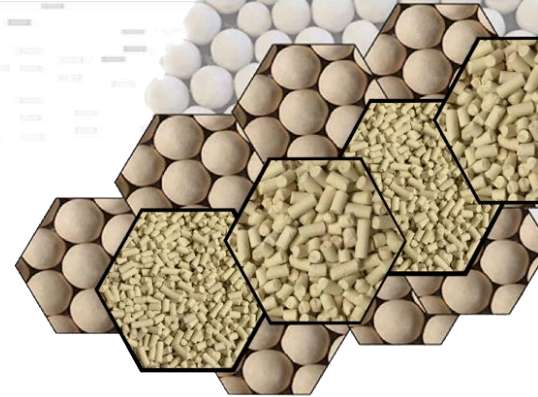


SULFURYD I DA

FOR NATURAL GAS SWEETENING

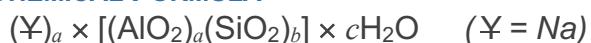


DESCRIPTION

SulfuRyd I DA is specially manufactured for the sweetening of natural gas streams and selectively removes mercaptans, sulfides, and high molecular weight sulfurous compounds. This sweetening process allows natural gas to meet specification for pipeline and environmental regulations. This molecular sieve offers high 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 kinetics and selectivity for sulfurous compounds

CHEMICAL FORMULA



SPECIFICATIONS

Molecular Sieve					
SulfuRyd I DA		Beads		Pellets	
Property	Unit	4x8 Mesh	8x12 Mesh	1/16 Inch	8x12 Mesh
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

gas sweetening
mercaptan removal

natural gas purification
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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