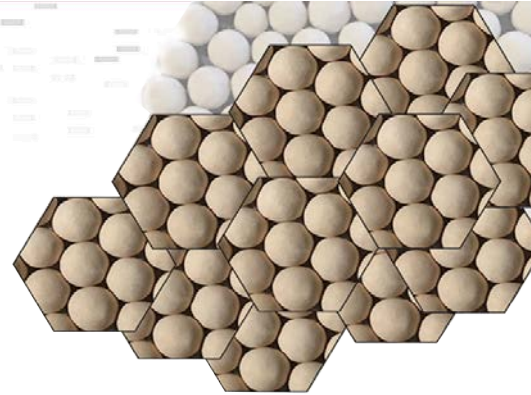


# HYG03Ag

## FOR MERCURY REMOVAL

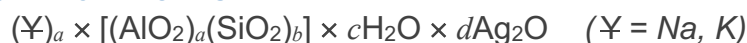


### DESCRIPTION

**HYG03Ag** is specially manufactured to selectively remove mercury from natural gas and NGLs. This purification process allows natural gas to meet environmental and pipeline specification and prevents aluminum corrosion in the cold box. This molecular sieve offers a high adsorption capacity for mercury and can be regenerated for repeated use.

- used for mercury removal from natural gas
- can help prevent damage to the cold box
- allows natural gas to be readily transported, liquefied, or processed in cryogenic separation
- offers a high capacity for mercury

### CHEMICAL FORMULA



### SPECIFICATIONS

Molecular Sieve		Beads	
HYG03Ag		8x12 Mesh	4x8 Mesh
Property	Unit		
Diameter	mm	1.6 - 2.5	2.5 - 5.0
Bulk Density	g/mL <i>(lb/ft<sup>3</sup>)</i>	0.72-0.78 <i>(44.9-48.7)</i>	0.70-0.76 <i>(43.7-47.5)</i>
Crush Strength	N <i>(lbm*ft/s<sup>2</sup>)</i>	≥30 <i>(≥6.7)</i>	≥70 <i>(≥15.7)</i>
Moisture Content	wt%	≤1.0	≤1.0
Packaging Options	150kg <i>(330.7lb)</i> / Drum		

### INDUSTRIES USED

natural gas purification

natural gas liquids purification

mercury removal

### 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. This product should not be exposed to temperatures exceeding 230°C (450°F).

## CONNECT WITH US...

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