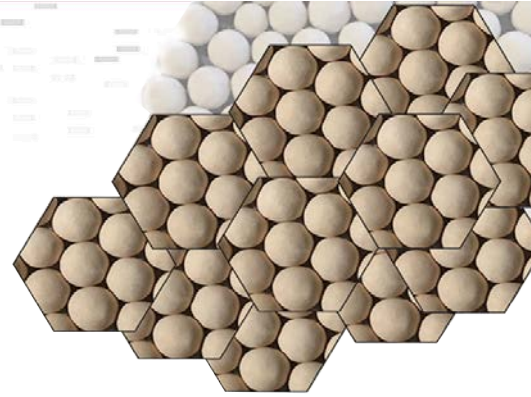


# HYG10Ag Products

## FOR MERCURY REMOVAL

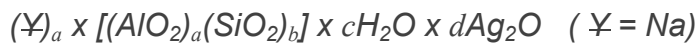
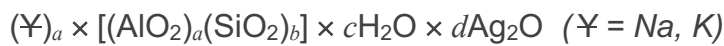


### DESCRIPTION

**HYG10Ag** 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		HYG10Ag Products		
		Beads		
Property	Unit	4x8 Mesh	8x12 Mesh	8x12 Mesh
Diameter	mm	2.5 - 5.0	1.6 - 2.5	1.68 - 2.36
Bulk Density	g/mL (lb/ft <sup>3</sup> )	0.70-0.76 (43.7-47.5)	0.72-0.78 (44.9-48.7)	0.66-0.72 (41.2-44.9)
Crush Strength	N (lbm*ft/s <sup>2</sup> )	≥70 (≥15.7)	≥30 (≥6.7)	≥30 (≥6.7)
Moisture Content	wt%	≤1.0	≤1.0	≤1.5
Packaging Options		150kg (330.7lb) / Drum		140kg (308.6lb) / 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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# HENGYE



ISO 9001:2008



ISO 14001:2004