

HYG04HD

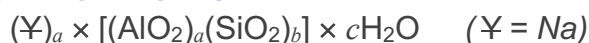
FOR NATURAL GAS DEHYDRATION

DESCRIPTION

HYG04HD is specially manufactured for the deep dehydration of natural gas and NGLs and selectively removes water from these streams. This dehydration process allows natural gas to be separated in cryogenic units, liquefied, or transported via pipeline. This molecular sieve offers a high density to increase volumetric capacity by allowing more material into a defined space.

- used for the deep dehydration of natural gas
- capable of removing water to less than 0.1 ppm
- allows natural gas to be readily transported, liquefied, or processed in cryogenic separation
- offers a high bulk density, which can increase adsorption capacity per cycle

CHEMICAL FORMULA



SPECIFICATIONS

Molecular Sieve			
HYG04HD			Beads
Property	Unit		14x20 Mesh
Diameter	mm		0.8 - 1.4
Bulk Density	g/mL (lb/ft ³)		≥0.785 (≥49)
Crush Strength	N (lbm*ft/s ²)		≥10 (≥2.2)
Attrition	wt%		≤0.1
Loss on Ignition 575°C (1,067°F)	wt%		≤1.0
Packaging Options		1,000kg (2,204.6lb) / Super Sack; 140kg (308.6lb) / Drum	

INDUSTRIES USED

natural gas dehydration

natural gas liquids dehydration

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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