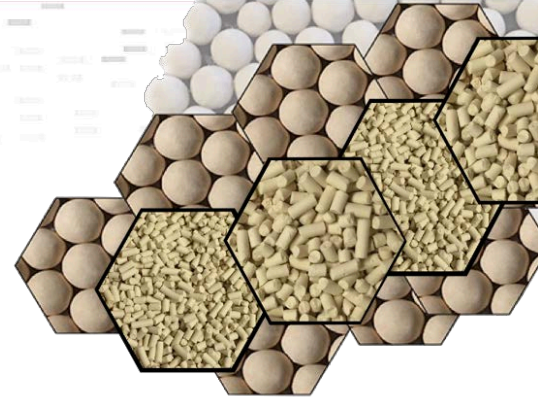


HYD03C

FOR NATURAL GAS DEHYDRATION



DESCRIPTION

HYD03C 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 long service life with high adsorption kinetics and physical stability.

- 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 advantageous balance of crush strength and adsorption capacity

CHEMICAL FORMULA



SPECIFICATIONS

Molecular Sieve					
HYD03C		Beads		Pellets	
Property	Unit	4x8 Mesh	8x12 Mesh	1/16 Inch	1/8 Inch
Diameter	mm	2.5 - 5.0	1.6 - 2.5	1.5 - 1.8	3.0 - 3.3
Bulk Density	g/mL (lb/ft ³)	0.70-0.76 (43.7-47.5)	0.72-0.78 (44.9-48.7)	0.68-0.74 (42.5-46.2)	0.67-0.73 (41.8-45.6)
Crush Strength	N (lbm*ft/s ²)	≥90 (≥20)	≥30 (≥6.7)	≥35 (≥7.9)	≥70 (≥15.7)
Static Water Adsorption	wt%	≥21.0	≥21.0	≥20.5	≥20.5
Attrition	wt%	≤0.1	≤0.1	≤0.4	≤0.4
Moisture Content	wt%	≤1.0	≤1.0	≤1.0	≤1.0
Packaging Options	Beads	1,000kg (2,204.6lb) / Super Sack; 150kg (330.7lb) / Drum			
	Pellets	1,000kg (2,204.6lb) / Super Sack; 125kg (275.6lb) / 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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