

CMS

FOR NITROGEN REJECTION UNITS

DESCRIPTION

CMS is specially manufactured for use in nitrogen rejection units and selectively adsorbs hydrocarbons, which allows nitrogen to be removed from the hydrocarbon stream. This purification process allows natural gas streams to be more efficiently transported or further processed. This molecular sieve offers an ideal selectivity and can help increase the value of natural gas streams.

- used to separate natural gas streams with high contents of nitrogen
- capable of removing nitrogen down to specification
- allows natural gas to be more easily transported and increases the value of the stream
- offers an ideal selectivity for hydrocarbons over nitrogen

SPECIFICATIONS

CMS		Pellets	
Property	Unit		
Diameter	mm	1.3 - 1.5	
Productivity for Nitrogen	Nm ³ /h.T	200; 220	240; 260
Crush Strength	N [per piece] (lbm*ft/s ²)	≥100 (≥22.5)	≥80 (≥18)
Bulk Density	g/L (lb/ft ³)	630-660 (39.3-41.2)	
Adsorption Pressure	Mpa	0.8	
Nitrogen Purity	%	≥99.5	
Nitrogen Recovery	%	≥40	
Adsorption Cycle	s	2x60	
Packaging Options	20kg (44lb) / plastic drum		

INDUSTRIES USED

nitrogen rejection units

natural gas conditioning

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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