



NAIKE Carbon Molecular Sieve: NK-CMS

Brief introduction

The component of carbon molecular sieve (CMS) is carbon. CMS takes the appearance of cylindrical black solid, contains countless 4 angstrom fine pores, it can be used to separate air into nitrogen and oxygen. In industry, CMS can concentrate nitrogen from air with PSA systems. Our CMS products have the character of large nitrogen yield capacity; high nitrogen recovery. It can meet the requirement of all types of PSA nitrogen systems. The carbon molecular sieve is widely applied in petroleum chemical industry, the heat treatment of metal, the electronic manufacture and food preservation industries.



Technical Parameter

Model		Carbon Molecular Sieve		
Appearance		Black, extruded(Pellet)		
Diameter		1.0-1.2mm, 1.3-1.5mm or customized		
Crushing Strength		100N/P min		
Bulk Density(g/l)		650-690		
Water content(wt.%)		1+-0.5		
Dust Level		100PPM Max		
Type	Adsorbent Pressure (MPa)	Nitrogen Purity (N2%)	Nitrogen Quantity (NH3/h.t)	N2/Air (%)
CMS-200	0.8	99.99	70	21
		99.9	140	27
		99.5	200	36
		99	260	41
		98	330	48
CMS-220	0.8	99.99	90	25
		99.9	160	34
		99.5	220	43
		99	290	48
		98	360	54
CMS-240	0.8	99.99	100	26
		99.9	175	35
		99.5	240	44
		99	300	49
		98	370	55
CMS-260	0.8	99.99	120	23
		99.9	180	27
		99.5	260	32
Package:		20kg/40kg/137kg Plastic Drum, carton barrel		
MOQ:		500KG		
Payment Terms:		T/T;L/C;Western Union		
Warranty:		a)shelf time: > 3 years b)Offer lifetime consultation on problemsoccurred		
Container	20GP	40GP	Sample Order	
Quantity	10.8MT	21.6MT	<5kg	
Delivery Time	5 days	10 days	Stock available	

Service Scope



Naike Chemical
Global equipment packing manufacturer
耐可化工-全球设备填料制造商

The following merits of service:

High ratio performance&price, reducing investment cost and operation cost.

Large hardness, little ash, long service life, uniform particles which protects air current impact.

Stable quality: Testing strictly according to 100% standard of production and ex-factory testing management.

The resin uses in producing the high pure nitrogen with good performance which substitutes the similar import products.

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www.laiko.net

Tel: +86-799-3673808 Fax: +86-7993673808

Email: cathy@nkchem.com