

Carbon Molecular Sieve For Nitrogen Generator

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: GASPU
- Model Number: CMS-220

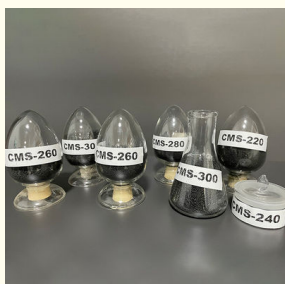


Product Specification

- Highlight: Carbon molecular sieve for nitrogen generator , Nitrogen Generator Carbon molecular sieve



More Images



Product Description

Carbon molecular sieve (CMS) is a new type of non-polar adsorbent that has the ability to adsorb oxygen molecules in air at room temperature and pressure, thus obtaining nitrogen rich gas. Its ability to separate air depends on the different diffusion rates of various gases in the micropores of carbon molecular sieves, or different adsorption forces, or both effects working simultaneously. Carbon molecular sieve air separation for nitrogen production is based on this performance.

Carbon molecular sieve air separation for nitrogen production has been widely used in industries such as petrochemicals, metal heat treatment, electronic manufacturing, and food preservation.

The main technical indicators of carbon molecular sieve are as follows:

Particle diameter: 1.0~1.5mm

Adsorption cycle: 2 × 60 seconds

Bulk density: 650-670 g/l

Compressive strength: ≥ 80 N/piece

List:

(Type)	(MPa)	(N ₂ %)	(NM ³ /h.t)	N ₂ /Air (%)
CMS-160	0.8	99.99	40	15
		99.9	100	23
		99.5	160	34
		99.0	200	38
		98.0	290	43
CMS-180	0.8	99.99	60	20
		99.9	120	26
		99.5	180	36
		99.0	230	41
		98.0	310	46
CMS-200	0.8	99.99	70	21
		99.9	140	27
		99.5	200	36
		99.0	260	41
		98.0	330	48
CMS-220	0.8	99.99	90	25
		99.9	160	34
		99.5	220	43
		99.0	290	48
		98.0	360	54
CMS-240	0.8	99.99	100	26
		99.9	175	35
		99.5	240	44
		99.0	300	49
		98.0	370	55
CMS-260	0.8	99.99	110	27
		99.9	190	36
		99.5	260	45
		99.0	310	50
		98.0	380	56

Our company's products and services have the following advantages:

1. Good cost-effectiveness: can directly reduce users' investment and operating costs;
2. High hardness, low ash content, and uniform particles: can effectively resist airflow impact and have a long service life;
3. Stable product quality: Our company strictly inspects 100% according to enterprise standards and implements two inspection management processes: production and factory inspection;
4. Resin type can be used to produce high-purity nitrogen 99.9995%:



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