

Carbon Molecular Sieve



Product Introduction: Carbon Molecular Sieve, takes the appearance of cylindrical black solid, contains countless 4 angstrom fine pores. The main component is element carbon.
Xintao Carbon Molecular Sieve, has the character of large N₂ yield capacity and high N₂ recovery. It has long service life, is suitable for various types of PSA nitrogen making machine.

Typical Application: a) Be used to separate air into N₂ and O₂.
b) Be widely applied in petroleum chemical industry, the heat treatment of metal, the electronic manufacture and food preservation industries.

Warranty: By National Standard HG/T 4364-2020.
Free consultation during the warranty period.
The storage time is more than 3 years.

Attention: It is easy to absorb moisture and should not be directly exposed to the air. It should be stored in a cool and dry place

Normal Package: 20KG/plastic drum. 40KG/plastic drum.

Technical Parameter:

Model	Carbon Molecular Sieve			
Color	Black			
Shape	Pellet			
Diameter	0.95mm,1.1-1.3mm, 1.3-1.5mm, 1.5-1.8,1.8-2.0mm, the size can custom			
Crushing strength (N/PC) (The test temperature≤20℃)	≥50			
Bulk density (KG/M3)	630-680			
Adsorbent time (S) (The test temperature≤20℃)	2*60(can be adjusted)			
Type	Adsorption Pressure	N ₂ Purity (%)	N ₂ quantity (M ³ /T.MT)	Air/N ₂ (%)
CMS-220	0.75-0.8	95	420	2.0
		96	380	2.1
		97	340	2.2
		98	300	2.3
		99	260	2.4
		99.5	220	2.6
		99.9	145	3.7
		99.99	100	4.8
		99.999	55	6.8
CMS-240	0.75-0.8	95	440	1.8
		96	400	2.0
		97	360	2.1
		98	320	2.2
		99	280	2.3
		99.5	240	2.5
		99.9	160	3.5
		99.99	110	4.6
		99.999	65	6.6
CMS-260	0.75-0.8	95	470	1.7
		96	430	1.9
		97	390	2.0
		98	350	2.1
		99	320	2.2
		99.5	260	2.3
		99.9	175	3.4
		99.99	120	4.6
		99.999	75	6.5
CMS-280	0.75-0.8	95	500	1.6
		96	455	1.8
		97	410	2.0
		98	365	2.1
		99	335	2.2
		99.5	280	2.3
		99.9	190	3.4
		99.99	135	4.5
		99.999	90	6.4