

# Carbon Molecular Sieve



**Package:** 20kg / 40KG plastic drum

**Bulk Density:** 680-700 g/L

**Adsorption Cycle:** 2\*60s

**Appearance:** Black Cylinder

**Description:** CMS is mainly composed of element carbon.

**Application:** Used to separate N<sub>2</sub> and O<sub>2</sub> in the air in the PSA system.

**Specification:**

Diameter (mm)		1.2	1.3	1.5	1.8	2.0
Crush Strength (N/pcs)		50-60	60-70	70-80	80-100	≥100
Size VS N <sub>2</sub> capacity		240	3-5% loss	5-10% loss	10-20% loss	20-25% loss
Type	Adsorbent pressure	N <sub>2</sub> purity		N <sub>2</sub> Capacity		Air / N <sub>2</sub>
	(Mpa)	%		(NM <sup>3</sup> /h.t)		
CMS-220	0.75-0.8	95		380		1.75
		97		340		2.0
		98		260		2.25
		98.5		255		2.29
		99		245		2.38
		99.5		220		2.55
CMS-240	0.75-0.8	98.5		275		2.25
		99		260		2.35
		99.5		240		2.5
		99.9		155		3.5
		99.99		110		4.65
		99.999		65		6.7
CMS-260	0.75-0.8	99		320		2.2
		99.5		260		2.5
		99.9		175		3.5
		99.99		120		4.6
		99.999		70		6.7

**Attention:** The product can't be exposed in the air and should be stored with air-proof package.