ENGINEERING • DESIGN • SOURCING

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_2 and O_2 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_2 capacity		240	3-5% loss	5-10% loss	10-20% loss	20-25% loss
Type	Adsorbent pressure (Mpa)	N2 purity %		N_2 Capacity (NM3/h.t)		Air / N2
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.

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