HYDB100D（M.S. for Rich Oxygen）

Description:

Molecular sieve HYDB100D is a synthetic zeolite of X-type crystal structure in sodium form with a pore opening of 9 angstroms (0.9 nm).

Application:

Mainly used for rich oxygen generation, oxygen/nitrogen separation in PSA/VSA air separation processes and medical oxygen concentrators. It has the characteristics of high selectivity, high adsorption capacity for water, carbon dioxide and nitrogen, high purity of oxygen concentrating and long lasting lifetime.

Specification:

Properties		Beads	
Items	Unit	18×35 Mesh	8×12 Mesh
Diameter	mm	0.5-1.0	1.6-2.5
Bulk Density	g/mL	≥0.62	≥0.60
Crush Strength	N	-	≥25
Static Water Adsorption	wt%	≥28.0	≥28.0
Static CO_2 Adsorption	wt%	≥19.0	≥19.0
Attrition	wt%	≤0.2	≤0.1
Moisture Content	wt%	≤1.5	≤1.5

Standard Packaging:

- 25 Kg/Iron Drum

Attention:

- The product as desiccant cannot be exposed in the open air and should be stored in dry condition with air-proof package.