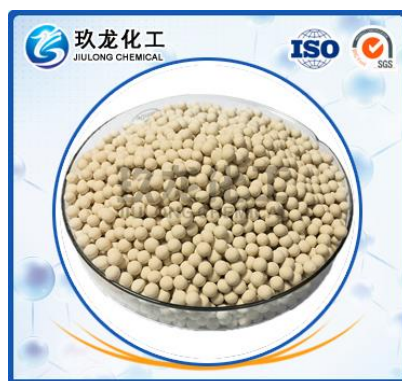


5A Molecular Sieve



5A molecular sieve can adsorb any molecule smaller than the pore size, commonly referred to as calcium molecular sieve. In addition to the functions of 3A and 4A molecular sieves, it can adsorb C3-C4 n-alkanes, ethyl chloride, ethyl bromide and butyl alcohol, which can be used in the separation of normal-isomeric hydrocarbons, pressure swing adsorption and water separation and carbon dioxide co-adsorption.

5A molecular sieve based on the characteristics of industrial applications, we produce 5A molecular sieve selective adsorption and adsorption speed, especially suitable for pressure swing adsorption, can adapt to various sizes of oxygen, hydrogen, carbon dioxide and other gas pressure swing adsorption device, Pressure swing adsorption industry in the boutique.

The main purpose:

- 1, natural gas drying, desulfurization, carbon dioxide off;
- 2, nitrogen and oxygen separation, separation of nitrogen and hydrogen, oxygen, nitrogen and hydrogen;
- 3, oil dewaxing, from the branched hydrocarbons, hydrocarbons in the separation of normal hydrocarbons.

3A / 4A / 5A Molecular Sieve Specification:

Property	Unit	Bead		Note
Diameter	mm	1.6-2.5	3-5	
Static H ₂ O Adsorption	%wt	≥26 .00	≥26 .00	RH50%, 25 °C
Static CO ₂ Adsorption	%wt	≥ 18.00	≥ 18. 00	250mmHg, 25 °C
Bulk Density	g/ml	≥ 0.62	≥ 0.62	Tapped

Loss on ignition	%wt	≤1.50	≤1.50	575 °C , 1hr
Loss on Wear	%wt	≤0.10	≤0.10	~
Crush strength	N	≥30	≥80	A vg. 25 beads
Particle ratio	%	≥97	≥99	~