

# Molecular Sieve JZ-ZMS9

## Description:

JZ-ZMS9 is Sodium aluminosilicate, It could absorb the molecular which diameter is not more than 9 angstroms.

## Applications:

1. Purification of gas in air separation plant, removal of H<sub>2</sub>O, CO<sub>2</sub> and hydrocarbons.
2. Dehydration and desulfurization (removal of H<sub>2</sub>S and mercaptan, etc.) of natural gas, LNG, liquid alkanes (propane, butane, etc.).
3. Deep drying of general gases (e.g. compressed air, permanent gas).
4. Drying and purification of synthetic ammonia.
5. Desulfurization and deodorization of Aerosol.
6. CO<sub>2</sub> removal from pyrolysis gas.

## Specification:

Properties	Unit	sphere		cylinder	
Diameter	mm	1.6-2.5	3-5	1/16"	1/8"
Static Water Adsorption	≥%	26.5	26.5	26	26
CO <sub>2</sub> Adsorption	≥%	17.5	17.5	17.5	17.5
Bulk Density	≥g/ml	0.64	0.62	0.62	0.62
Crushing Strength	≥N/Pc	26	80	25	60
Attrition Rate	≤%	0.2	0.2	0.2	0.2
Package Moisture	≤%	1.5	1.5	1.5	1.5

## Standard Package:

sphere: 140kg/steel drum  
cylinder: 125kg/steel drum

## Attention:

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

