

PROYECCIONMILENIUM_MOLECULAR SIEVE



Introduction:

Molecular Sieve 3A,4A,5A,13X,Dessicant&Adsorbent:

3A Molecular Sieve

Description:

The molecular sieves produced by our company have the characteristics of many varieties, various specifications and good performance. The products have been used in multi sets industrial plants successfully and have been approved by the users.3A molecular sieve is used for dryness of gas, liquid and dehydration of unsaturated hydrocarbons, widely used in petroleum cracking ethylene, propylene petroleum and natural gas dryness deeply.

4A molecular sieve

4A molecular sieve is used for gas, liquid of dryness and adsorption water, ammonia gas, hydrogen sulfide, carbon dioxide, sulphur dioxide, ethanol, ethane, ethylene, propylene etc.4A molecular sieve can't adsorb propane and the

molecular which are bigger than propane molecular.4A molecular sieve is also used for dryness of impurity gas in oil, oil & Natural gas and dehydration of ethanol.

5A molecular sieve

5A molecular sieve have all the performances of 3A and 4A, which can adsorb n Butyl alcohol and n-butane. 5A is mainly used for desorption of water, carbon dioxide, alkyne, hydrocarbon in PSA industry.5A molecular sieve also used for dryness of gas and liquid, separating the hydrogen and nitrogen, the nitrogen and oxygen, N & Iso alkane.

13X Molecular Sieve

The pore size for 13X molecular sieve is about 10A . It can adsorb any molecular smaller than 10A,mainly used as catalyze carrier ,coadsorption of CO2 and H2O and H2O , H2O and H2S ,as desiccant for medical and air compressor systems ,and can also be adjusted to fit other various applications.

Formula: $\text{Na}_2\text{O} \cdot \text{Al}_2\text{O}_3 \cdot 2.45\text{SiO}_2 \cdot 6.\text{OH}_2\text{O}$

Typical applications:

Purification and removal of H2O and CO2.

Dehydration and desulfuration of nature gas ,liquid petrol gas and liquid alkane.

Deep dry of common gases.

Technical Parameter

Item	Unit	Technical data			
		Pellet		Sphere	
Diameter	/	1/16 inch	1/8 inch	8*12 mesh	4*8mesh
Size ratio up to grade	%	≥98	≥98	≥96	≥96
Bulk density	g/ml	≥0.65	≥0.65	≥0.70	≥0.70
Wear ratio	%	≤0.20	≤0.25	≤0.10	≤0.10
Crushing strength	N	≥45/cm	≥60/cm	≥45/piece	≥85/piece
Static water adsorption	%	≥21	≥21	≥21	≥21
Water content, as shipped	%	≤1.5	≤1.5	≤1.5	≤1.5