

Products Introduction:

XR402 **Molecular sieve 4A** is an adsorbent used for dehydration of natural gas in the market.

XR402 Molecular sieve 4A is made by synthetic zeolite powder, which has zeolite A crystal structure, with selected mineral binder. 4A Molecular sieves has an effective pore opening of 4Å (0.4nm), so molecules which diameter less than 4Å can be adsorbed by molecular sieve 4A.

Characteristics:

Stable and excellent static and kinetic adsorption capacity

Higher crush strength

Property	unit	Bead		Pellet		Note
		8x12	4x8	1/16"	1/8"	
Static Water Adsorption	%wt	≥ 21.50	≥ 21.50	≥ 21.50	≥ 21.50	RH50%, 25°C
Crush Strength	N	≥ 30.00	≥ 80.00	≥ 30.00	≥ 70.00	Avg. 25 beads
Crush Strength	lbs	≥ 7.00	≥ 18.00	≥ 7.00	≥ 16.00	Avg. 25 beads
Bulk Density	g/ml	≥ 0.70	≥ 0.70	≥ 0.65	≥ 0.65	Settled
Bulk Density	lbs/ft ³	≥ 43.00	≥ 43.00	≥ 40.00	≥ 40.00	Settled
Loss on Ignition	%wt	≤ 1.50	≤ 1.50	≤ 1.50	≤ 1.50	575°C, 1hr
Loss on Attrition	%wt	≤ 0.10	≤ 0.10	≤ 0.30	≤ 0.30	~
Particle Ratio	%	≥ 97.00	≥ 99.00	~	~	~

Recommended Application:

1. Drying of unsaturated hydrocarbons (e.g. ethylene, propylene, butadiene)
2. Cracked Gas Drying.
3. Drying of natural gas.
4. Drying of highly polar compounds, such as methanol and ethanol.

Storage:

Avoid moisture, avoid scuffing, throw and sharp shocking during transportation, rainproof facilities should be readied..

It should be stored in dry and ventilated warehouse to prevent contamination or moisture.

Packaging:

Type	Carton	Drum	Super sack
Bead	25kg/ 55 lb	150 kg/ 330 lb	1000 kg/ 2200 lb
Pellet	25kg/ 55 lb	150 kg/ 330 lb	1000 kg/ 2200 lb

XiangRun is a specialized zeolite manufacturer located in China. Our company is ISO9001:2000 approved due to its management in line with international standards. With several years production experience in the chemical industry, we are happy to be able to produce quality activated zeolite powder, synthetic zeolite powder, XH zeolite, molecular sieve 13APG and related zeolite products for customers all over the globe. We offer complete service, in addition to reliable products, for customers so that they can feel secure in their purchase. If you are interested in our zeolite adsorbent, or other chemical products, please contact us via phone or email.