洛阳建龙微纳新材料股份有限公司
Luoyang Jalon Micro-nano New Materials Co., Ltd.
Add: Junmin Road No.7, Industrial Cluster Zone, Yanshi District, Luoyang, Henan, China, 471000
Tel: +86-379-6989 5719 Fax: +86-379-6989 5717 Web: www.jalonzeolite.com

Molecular Sieve 3A

Molecular Sieve 3A is an alkali metal aluminosilicate. It is the potassium form of the type A crystal structure, with an effective pore opening of about 3 angstroms (0.3nm). It adsorbs molecules with effective diameters smaller than 3 angstroms, but excludes molecules such as unsaturated hydrocarbons.

Property	**Unit**	**Bead**		**Pellet**		**Note**
Diameter	mm	1.6-2.5	3.0-5.0	1/16”	1/8”	
Static Water Adsorption	%wt	≥21.50	≥21.50	≥21.50	≥21.50	RH75%, 25℃, Activated
Bulk Density	g/ml	≥0.75	≥0.75	≥0.70	≥0.70	Tapped
Water Content	%wt	≤1.50	≤1.50	≤1.50	≤1.50	550℃, 1hr
Loss on Attrition	%wt	≤0.10	≤0.10	≤0.20	≤0.20	~
Crush Strength	N	≥35.00	≥100.00	≥40.00	≥90.00	Avg. 25 beads
Particle Ratio	%	≥98.00	≥98.00	≥98.00	≥98.00	~

Recommended Application：

1. Drying of unsaturated hydrocarbons (e.g. ethylene, propylene, butadiene)
2. Cracked Gas Drying
3. Drying of natural gas, if COS minimization is essential, or a minimum co-adsorption of hydrocarbons is required
4. Drying of highly polar compounds, such as methanol and ethanol
5. Static, (non-regenerative) dehydration of insulating glass units, whether air filled or gas-filled

Packing:

- 55 gallon air-tight iron drum,
- Super Sack

※Other packing according to your requirement.