

PURISOR

JLPM

JLPM molecular sieve is a synthetic crystalline aluminosilicate with well-developed three-dimensional pore structure and strong polarity. It is generally used for gas drying, deep removal of H₂O and CO₂, as well as H₂S and mercaptan removal in liquid hydrocarbons and natural gas by lowering operating costs and energy consumption.

Specification

Property	Unit	Bead			Note
		JLPM1	JLPM2	JLPM3	
Diameter	mm	1.6-2.5	1.6-2.5	1.6-2.5	
Static CO ₂ Adsorption	ml/g	≥8.00	≥6.80	≥6.00	2.5mmHg, 25°C
Bulk Density	g/ml	0.63-0.69	0.63-0.69	0.64-0.68	Tapped
Package Moisture	%wt	≤1.50	≤1.50	≤1.50	575°C, 1hr
Crush Strength	N	≥25.00	≥30.00	≥30.00	Avg. 25 beads

Application

JLPM is suitable for large cryogenic air separation oxygen plant, and liquid hydrocarbon and natural gas desulfurization (H₂S and mercaptan removal) unit.

Advantages

- Higher adsorption capacity to different impurity gases
- Faster adsorption rate
- Dramatic energy saving

Storage

The product should be stored in original pack or air-proof package in cool and dry conditions should not be left exposed to open air.

Regeneration

Molecular sieve JLPM can be regenerated by increasing temperature or reducing the pressure.

Packing

55 gallon air-tight iron drum, 125 kg/drum. 25 kg carton with inner PE bag.

