

MOLECULAR

Sieve-4A

NS6130-12-001835

Quick Facts

Product	:	Molecular Sieve-4A
Stock No	:	NS6130-12-001835
CAS	:	70955-01-0
Form	:	Beads

Technical Specification

Purity	Diameter
98%	1-3mm

Molecular sieve type 4A is an alkali aluminium silicate. This sodium form of Type- Crystal Structure has an effective pore opening of about 4 angstroms. The type 4A molecular sieve will adsorb most molecules with a kinetic diameter of fewer than 4 angstroms and exclude those larger. 4A can adsorb gas molecules like oxygen, nitrogen, carbon dioxide and straight-chain hydrocarbon. 4A molecule is working on the principle of surface adsorption; it offers a higher surface area for attaining higher adsorption capacity, higher crushing strength of molecular sieve 4A offers low attrition rate and longer working life, for methane adsorption 4A is the best suitable option.

Applications:

- Adsorption of straight chain hydrocarbons
- Air dryer desiccant
- Carbon dioxide adsorption
- Commercial drying of saturated hydrocarbons
- Nitrogen adsorption
- Oxygen adsorption
- Moisture removal in PU Plastic or Paint
- Natural Gas Drying



* This image is for graphic purposes only and does not represent the actual product.

