

# 4A

# MOLECULAR SIEVE

## Molecular Sieve

Molecular sieve 4A, also called zeolite 4A or zeolith 4A, is one type of aluminosilicate crystal with average pores measuring of 5 angstrom (0.5 nm). Molecular with kinetic diameter larger than 5 angstrom will be adsorbed by zeolite 4A, otherwise be excluded. Zeolite 4A molecular sieves are typically used for normal- and iso-paraffins separation, removing water, carbon dioxide, hydrogen sulfide from sour natural gas, while decreasing COS formation.

## Quick Facts

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

## Application:

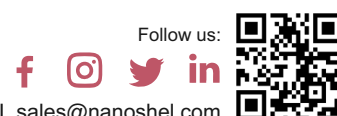
- ✓ Adsorption of straight chain hydrocarbons
- ✓ Static drying of insulating glass units, whether air filled or gas-filled.
- ✓ Dehydration of highly polar compounds, such as methanol and ethanol.
- ✓ Dehydration of unsaturated hydrocarbons (e.g. ethylene, propylene, butadiene).
- ✓ Air dryer desiccant
- ✓ Carbon dioxide adsorption
- ✓ Commercial drying of saturated hydrocarbons
- ✓ Nitrogen adsorption
- ✓ Oxygen adsorption
- ✓ Moisture removal in PU Plastic or Paint
- ✓ Natural Gas Drying
- ✓ Drying Cracked Gas

**Purity:**  
**≥ 98%**



**Diameter:**  
**1-3mm**

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