Polymer Add (Thailand) Co; Ltd.

MOLECULAR SIEVE 5A	**Technical Datasheet**

Chemical Name	ALUMINUM CALCIUM SODIUM SILICATE
Grade Name	MOLECULAR SIEVE 5A
CAS No.	69912-79-4
EINECS No.	215-684-8
Molecular Formula	CanNa12-2n[(AlO2)12(SiO2)12]xH2O
Synonyms	

TEST	**SPECIFICATION**	**METHOD**
Appearance	white to off-white fine powder	Visual
Bulk Density - Tapped	Min 660 Kg/m3	Graduated Cylinder
Abrasion	Max 0.2%	ISO 4649 / DIN 53516
Crush strength	Min 30 N/P	ASTM D7084 - 18
Water adsorption	Min 22%	ASTM D570
Moisture Content	Max 1.5%	Oven Drying at 105 Deg C
Particle Size D50	1.7-2.5 micron	Particle Size Analyzer (Dry Method)

Product Information:

- Molecular sieve 5A is an excellent adsorbent to remove water, CO2, H2S from sour natural gas streams, while decreasing COS formation.
- Molecular sieve 5A can adsorb light mercaptans.
- Molecular sieve 5A can use for high purity N2, O2, H2 and inert gases from mixed gas streams.

Product Handling & safety:
Please refer to our product MSDS for specific instructions on handling this product.

Product Registration:MOLECULAR SIEVE 5A product is not recommended for food contact polymers.

Title:
Chapter:
Subchapter:
Part:
Subpart:
Section:

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Product Disclaimer

Important : This statement supersedes any Buyers documents. Seller makes no representation, Warranty, Express or Implied, Including of Merchantability of Fitness for a particular use, or purpose.

No statement herein is to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence breach of warranty, strict liability, and tort or contact rising in connection with product(s). Buyers sole remedy and Sellers sole Liability for any claims shall be buyers purchase price. Data and results are based on controlled or lab work and must be confirmed by the buyer by testing for its indented conditions of use.

This product is not been tested for, and is therefore not recommended for, use for which prolonged contact with mucous membranes, abraded skin, or blood is intended, or for use for which implantation within human body is intended.

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