

# ZEOLITE Y POWDER

**NS6130-12-001574**

**Purity**  
**>99.99%**

Y Zeolite is a kind of micropores crystal material with framework structure, and the basic structure element is Si-O and Al-O tetrahedron which can form the secondary structure element like 4 membered ring, 6 membered ring and 8 membered ring by Si-O or Al-O bond. It is used as a cracking catalyst in petroleum refinery catalytic cracking units to convert high-boiling fractions of petroleum crude to more valuable gasoline, diesel and other products. It is also used as a molecular sieve and as an adsorbent of a wide variety of cations, such as Na<sup>+</sup>, K<sup>+</sup>, Ca<sup>2+</sup>, Mg<sup>2+</sup> and others. Zeolite is used in the development of a variety of bioreactor devices and in the determination of serum triglycerides.

**CAS**  
**1318-02-1**

## Technical Specification

Molecular Weight	Relative crystallinity	SSA	APS
502.31g/mol	>88%	>680m <sup>2</sup> /g	10-15μm



**SiO<sub>2</sub>/Al<sub>2</sub>O<sub>3</sub>**



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ISO 9001:2015  
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