

Y Zeolite MOLECULAR Sieve

NS6130-12-001458

Quick Facts

Product	:	Y Zeolite Molecular Sieve
Stock No	:	NS6130-12-001458
CAS	:	1318-02-1
Purity	:	99%
Form	:	Beads

Technical Specification

APS	SSA
<10µm	< 650m2/g

A molecular sieve is a material with pores (very small holes) of uniform size. These pore diameters are similar in size to small molecules, and thus large molecules cannot enter or be adsorbed, while smaller molecules can. Some molecular sieves are used in chromatography, a separation technique that sorts molecules based on their size. Other molecular sieves are used as desiccants (some examples include activated charcoal and silica gel). Molecular sieves are used for a wide range of catalytic applications.

Y zeolites have increasingly attracted attention as good adsorbents and stable acid catalysts. They are also used in detergent manufacturing, odor control, gas absorption, wastewater filtration, and soil remediation. Y-type series zeolites act as a flocculating agent and industrial filler, and they're an important ingredient in animal feeds, desiccants, lightweight concrete, and ceramics.



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

