

**NS6130-12-001464**

# KIT-6 MOLECULAR Sieve

## Quick Facts

Product	:	KIT-6 Molecular Sieve
Stock No	:	NS6130-12-001464
Purity	:	99.9%
Form	:	Beads

## Technical Specification

SSA	APS
600m <sup>2</sup> /g	10-20nm

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.

This unique structure makes KIT-6 suitable for a variety of applications in a number of different fields. Most interestingly, KIT-6 has been shown to effectively adsorb gases; its potential for use in integrated chromatography and gas sensing microdevices is capturing the imagination of researchers around the world.



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

