

NS6130-12-001466

SBA-15 MOLECULAR Sieve

Quick Facts

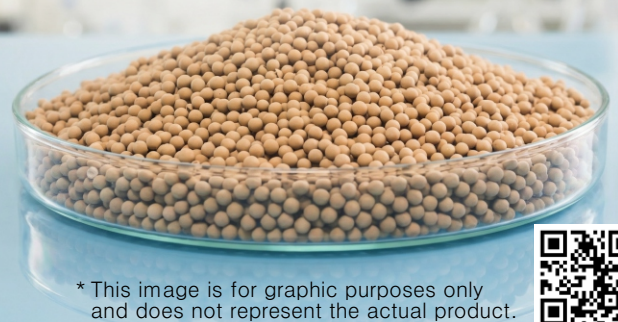
Product	:	SBA-15 Molecular Sieve
Stock No	:	NS6130-12-001466
Purity	:	99.9%
Form	:	Beads

Technical Specification

SSA	APS
550-600m ² /g	200nm-1 μ m

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.

SBA-15 molecular mesoporous sieve has attracted great interest of researchers, owing large area surface, well-defined pores, uniform pore size, high thermal and hydrothermal stability, well-defined pore structure and ability to be functionalized with diverse metal oxides (active phase of catalyst). Recently, the different application of dye-containing molecular sieves to photochromic or optic sensors is of great interest.



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

