

SAPO-11 MOLECULAR Sieve

NS6130-12-001462

Quick Facts

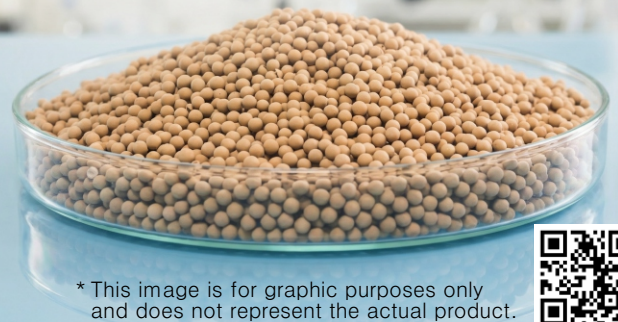
Product	:	SAPO-11 Molecular Sieve
Stock No	:	NS6130-12-001462
Purity	:	99.9%
Form	:	Beads

Technical Specification

SSA	APS
>180m ² /g	<100nm

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.

SAPO-11 is a medium-pore silicoaluminophosphate molecular sieve with tunable acidity. It's made up of regularly alternating ALO₄, PO₄, and SiO₄ tetrahedra. SAPO-11 molecular sieve has been widely used in refinery process because of the good stability and selectivity in alkane isomerization.



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

