

SAPO-34 MOLECULAR Sieve

NS6130-12-001461

Quick Facts

Product	:	SAPO-34 Molecular Sieve
Stock No	:	NS6130-12-001461
Purity	:	99.9%
Form	:	Beads

Technical Specification

SSA	APS
>550m 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-34 is one of the main catalysts used in the petrochemical industry. The crystal structure of SAPO-34, a micro pore zeolite, is similar to that of chabazite and has a special water absorbing capacity and bronsted acidity. SAPO-34 used as an adsorbent, catalyst and catalyst support in applications with low carbon olefin transfer, auto gas purification, MTO reactions, etc



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

