

ZEOLITE BETA MOLECULAR Sieve

NS6130-12-001455

Quick Facts

Product	:	Zeolite Beta Molecular Sieve
Stock No	:	NS6130-12-001455
Purity	:	99%
Form	:	Beads

Technical Specification

SSA	Density	APS	Melting Point
~500m ² /g	1.9-2.3g/cm ³	55-70nm	>1600 °C

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.

Applications of molecular sieves that help to improve our everyday lives. Almost every imaginable product has been touched by molecular sieve in some way. From steel production, insulated glass windows, fuel ethanol, and oxygen for breathing apparatuses, to the air conditioning filter cores in our cars, molecular sieves are a part of our lives every day.



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

