

Type AW-500 Molecular Sieve

$\text{Ca}_2[(\text{AlO}_2)_x(\text{SiO}_2)_y] \cdot 13\text{H}_2\text{O}$ —Molecular Sieve Type AW-500 is a crystalline metal aluminosilicate available in pellet form. These acid-resistant zeolites were developed by UOP to dry and purify process streams containing strong acid contaminants such as hydrogen chloride, sulfur dioxide and the oxides of nitrogen. Their adsorption properties are typical of those found in other UOP Molecular Sieve products.

Typical Physical Properties

	1/16" Pellets	1/8" Pellets
Nominal Pore Diameter (angstroms)	4	4
Heat of Adsorption (Btu/lb H ₂ O)	1450	1450

Part No.	Quantity	Form
MS-1220	1 lb.	1/16" Pellets
MS-1221	1 lb.—Case of 6	
MS-1222	5 lb.	
MS-1223	5 lb.—Case of 4	
MS-1224	25 lb.	
MS-1226	50 lb.	
MS-1233	1 lb.	1/8" Pellets
MS-1234	1 lb.—Case of 6	
MS-1235	5 lb.	
MS-1236	5 lb.—Case of 4	
MS-1237	25 lb.	
MS-1239	50 lb.	

Safety and Handling

See the UOP brochure entitled "Molecular Sieve Safety Bulletin for Manufacturers", or contact your Advanced representative.

For More Information

For additional information, see MATERIAL SAFETY DATA SHEET (MSDS) for this material listed on the Advanced website; www.asge-online.com or contact your Advanced representative.