Type AW-500 Molecular Sieve

Ca₂[(AlO₂)ₓ(SiO₂)ᵧ]•13H₂O—Molecular Sieve Type AW-500 is a crystalline metal alumi-
nosilicate 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

<table>
<thead>
<tr>
<th></th>
<th>1/16&quot; Pellets</th>
<th>1/8&quot; Pellets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Pore Diameter (angstroms)</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Heat of Adsorption (Btu/lb H₂O)</td>
<td>1450</td>
<td>1450</td>
</tr>
</tbody>
</table>

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.