**Blue, Indicating Molecular Sieve**

**Description**

*Standard Blue 4A* molecular sieve is manufactured for the dehydration applications and can selectively remove water from both liquid phase and vapor phase streams. Having similar physical properties and adsorption capacity as Standard 4A molecular sieve, this molecular sieve offers color indicating properties that will notify the user when adsorption capacity has been reached. The sieve is blue when dry and changes to beige when saturated with moisture, allowing the user to visually determine when the molecular sieve has reached its equilibrium capacity.

- used for dehydration applications
- capable of removing water to meet most specifications
- share similar physical properties and capacity as traditional 4A
- offers the advantage of visually indicating remaining adsorption capacity

**Specifications**

<table>
<thead>
<tr>
<th>Molecular Sieve</th>
<th>Standard Blue 4A</th>
<th>Beads</th>
</tr>
</thead>
<tbody>
<tr>
<td>Property</td>
<td>Unit</td>
<td>4x8 Mesh</td>
</tr>
<tr>
<td>Diameter</td>
<td>mm</td>
<td>2.5 - 5.0</td>
</tr>
<tr>
<td>Bulk Density</td>
<td>g/mL (lb/ft³)</td>
<td>≥0.75 (≥46.8)</td>
</tr>
<tr>
<td>Crush Strength</td>
<td>N (lbm*ft/s²)</td>
<td>≥60 (≥13.5)</td>
</tr>
<tr>
<td>Static Water Adsorption</td>
<td>wt%</td>
<td>≥13</td>
</tr>
<tr>
<td>Moisture Content</td>
<td>wt%</td>
<td>≤10</td>
</tr>
</tbody>
</table>

**Packaging Options**

1,000 kg *(2,204.6lb)* / Super Sack

**Industries Used**

- liquid phase dehydration
- vapor phase dehydration
- power transformer breathers
- siloxane removal

**Storage**

As an adsorbent, molecular sieve should not be left exposed to open air and should be stored in dry conditions with air-proof packaging.

**Connect with us...**

Hengye Inc.
11999 Katy Frwy, Suite 588
Houston, Texas 77079
Office (832) 288-4288
Fax (832) 288-4230
info@hengyeinc.com

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