Xenon (Xe)

A colorless, odorless, nonflammable, inert gas.

<table>
<thead>
<tr>
<th>Product Specifications</th>
<th>Minimum Purity</th>
<th>O₂</th>
<th>H₂O</th>
<th>THC</th>
<th>CO</th>
<th>CO₂</th>
<th>N₂</th>
<th>Kr</th>
<th>Ar</th>
<th>H₂</th>
<th>Total Halocarbons</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propulsion</td>
<td>99.9995%</td>
<td>≤ 0.2</td>
<td>≤ 0.1</td>
<td>≤ 0.1</td>
<td>≤ 0.1</td>
<td>≤ 1</td>
<td>≤ 2</td>
<td>≤ 1</td>
<td>≤ 25</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Research Plus</td>
<td>99.999%</td>
<td>≤ 0.5</td>
<td>≤ 0.5</td>
<td>≤ 0.5</td>
<td>≤ 0.5</td>
<td>≤ 3</td>
<td>≤ 5</td>
<td></td>
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</tr>
<tr>
<td>Research</td>
<td>99.995%</td>
<td>≤ 1</td>
<td>≤ 1</td>
<td>≤ 1</td>
<td>≤ 1</td>
<td>≤ 5</td>
<td>≤ 25</td>
<td></td>
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</tr>
</tbody>
</table>

**Technical Data & Shipping Information**

- **Molecular Weight**: 131.293
- **Specific Volume**: 2.95 ft³/lb @ 70°F & 1 ATM
- **Flammability Limits in Air**: Nonflammable
- **U.S. DOT Name**: Xenon, Compressed
- **ID Number**: UN 2036
- **U.S. DOT Hazard Class**: 2.2
- **U.S. DOT Label**: Nonflammable Gas
- **CAS Registry**: 7440-63-3

**Airgas Quality Policy**

The purpose of the Airgas Quality System is to continually improve our manufacturing and related processes to provide our customers with the highest product purity, consistency, and service.