Ferroniobium is an indispensable iron niobium alloy with a high amount of niobium content. It is the vital source for the niobium alloying of steel and the components of metals can be purified in an electron beam furnace. For the alloying process with steel, the ferroniobium is added to molten steel before casting. Ferro Niobium is used mainly to surge the strength of the alloys and it helps to manufacture High-Strength special Steels Low-Alloy (HSLA). These are utilized in automobiles, pipe fabrication, structural steels and stainless steels resistant to high temperatures. It is also employed to fabricate stainless steels, superalloys. This powder helps to enhance the weldability property in the alloys.

**APPLICATIONS**

- Heavy Trucks
- Bridges And Flyovers
- Construction Cranes
- Amusement Rides
- High-strength Special Steels Low-alloy

**CALL NOW**
+91 9779550077
9779238252
Additional Powder Characteristics

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Purity</th>
<th>APS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NS6130-12-001270</td>
<td>99.9%</td>
<td>200mesh</td>
</tr>
</tbody>
</table>

Technical Specification

Molecular Formula
FeNb

Properties

✓ Chemical Formula: FeNb
✓ CAS No.: 11108-69-3

Chemical Composition

<table>
<thead>
<tr>
<th>Product</th>
<th>Weight Percent (nominal)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ferro Niobium Powder</td>
<td>99.9 %</td>
</tr>
<tr>
<td>Other Metal</td>
<td>900ppm</td>
</tr>
</tbody>
</table>

Ordering Information and Stock Availability

✓ Product: Ferro Niobium Powder
✓ Distribution: Global
✓ Stock Availability: Available
✓ Packing Sizes: 25Gms, 50Gms, 100Gms, 500Gms & Bulk Orders

Handling Recommendations

✓ Store in the original container in a dry location.
✓ Tumble contents prior to use to prevent segregation.
✓ Open containers should be stored in a drying oven to prevent moisture pickup.

Safety Recommendations

Download MSDS/SDS NS6130-12-001270
Are available from the Nanoshel Website at
https://www.nanoshel.com/product/ferro-niobium-powder

www.nanoshel.com | sales@nanoshel.com
Tel: +91 9779550077, 9779238252