ZINC POWDER

QUICK FACTS

Product: Zinc Powder
Stock No: NS6130-05-557
CAS: 7440-66-6
Color: Gray
Form: Powder

Zinc is a chalcophile metallic element. It forms several minerals, involving sphalerite ZnS, the commonest Zn mineral, smithsonite ZnCO3 and zincite ZnO, however is also widely dispersed as a trace element in pyroxene, mica, amphibole, garnet, and magnetite. Zinc is utilized in geochemical prospecting as a pathfinder for various types of Zn mineralization and is normally accompanied by Cadmium. Zinc is used to produce die-castings, which are indispensable in the automobile, electrical and hardware industries. Zinc is also employed to the skin for treating acne, foot ulcers caused by diabetes, leg ulcers, diaper rash, warts, aging skin, herpes simplex infections, parasitic infections, brown patches on the face, and to speed wound healing. Most zinc is employed to galvanize other metals, such as iron, to prevent rusting. Galvanized steel is utilized for car bodies, street lamp posts, safety barriers and suspension bridges.

APPL I CATIONS

✓ Paints
✓ Rubber
✓ Cosmetics
✓ Pharmaceuticals
✓ Plastics
✓ Inks
✓ Soaps
✓ Batteries
✓ Textiles And Electrical Equipment

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Additional Powder Characteristics

<table>
<thead>
<tr>
<th>Stock No.</th>
<th>Purity</th>
<th>APS</th>
</tr>
</thead>
<tbody>
<tr>
<td>NS6130-05-557</td>
<td>99%</td>
<td>40-50μm</td>
</tr>
</tbody>
</table>

Technical Specification

<table>
<thead>
<tr>
<th>Molecular Formula</th>
<th>Molecular Weight</th>
<th>Density</th>
<th>Melting Point</th>
<th>Boiling Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zn</td>
<td>65.38 g/mol</td>
<td>1.14 g/cm³</td>
<td>420 °C</td>
<td>907 °C</td>
</tr>
</tbody>
</table>

Properties
- Chemical Symbol: Zn
- CAS No.: 7440-66-6

Chemical Composition

<table>
<thead>
<tr>
<th>Product</th>
<th>Weight Percent (nominal)</th>
<th>Other Metal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zinc Powder</td>
<td>99%</td>
<td>9000ppm</td>
</tr>
</tbody>
</table>

Ordering Information and Stock Availability
- Product: Zinc 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 NS6130-05-557
- SDS are available from the Nanoshel website at https://www.nanoshel.com/product/zinc-powder

/social links
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