

## Product Data Sheet

### Silicon Powder – Phoenix Si R

**Product Properties**

Appearance	Dark, Grey/Black
Moisture	<0.2% (Before Packaging)
Oxygen (from SiO <sub>2</sub> )	<0.2%
Carbon	<.75%



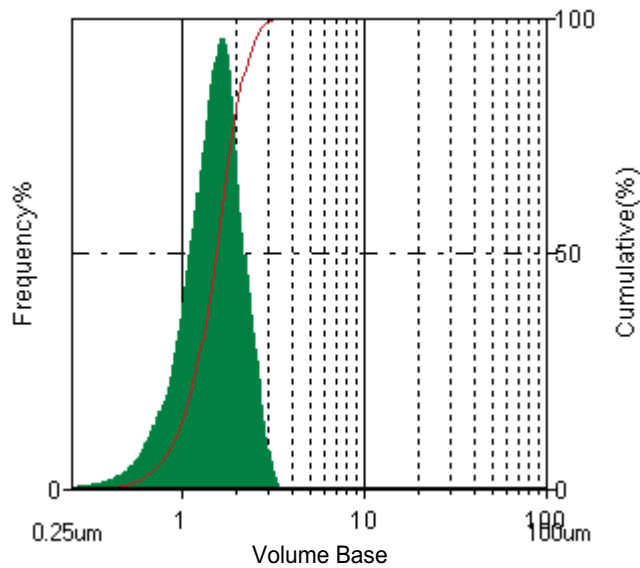
**Elemental Assay (max impurity, ppm,wt)**

Sulfur	100
Nickel	400
Iron	200
Aluminum	100
Calcium	100
Silicon	>99.6

NOTE: Product can be tailored to meet specific individual requirements.

**Particle Distribution**

FPIA 3000, Vol Diam. D50  $\mu$ m (range) .7 – 1 $\mu$



**Regulatory Information**

DOT/TDG Classification	Not Regulated
HMIS Code	1-0-1
CAS Number	7440-21-3
TSCA Inventory	Yes
WHMIS Classification	Not Regulated

**Toxicity and Safety**

For information on the toxicity and safe handling of this product, please read the Material Safety Data Sheet prior to use of the product.

**Handling and Storage**

Locate in a closed container in a dry and non-draft area to avoid dust production.

**Shipping Data**

Product is available in various quantities. For product inquiries please contact [sales@nuvosi.com](mailto:sales@nuvosi.com).

Nuvo Silicon Products  
637 Lowther Rd  
Lewisberry, PA 17319  
570-277-2068

Nuvo Silicon Products warrants only that its products meet the specifications stated in the sales contract. Typical properties, where stated, are to be considered as representative of current production and should not be treated as specifications. While all the information presented in this document is believed to be reliable and to represent the best available data on these products, NO GUARANTEE, WARRANTY, OR REPRESENTATION IS MADE, INTENDED, OR IMPLIED AS TO THE CORRECTNESS OR SUFFICIENCY OF ANY INFORMATION, OR AS TO THE MERCHANTABILITY OR SUITABILITY OR FITNESS OF ANY CHEMICAL COMPOUNDS FOR ANY PARTICULAR USE OR PURPOSE, OR THAT ANY CHEMICAL COMPOUNDS OR USE THEREOF ARE NOT SUBJECT TO A CLAIM BY A THIRD PARTY FOR INFRINGEMENT OF ANY PATENT OR OTHER INTELLECTUAL PROPERTY RIGHT. EACH USER SHOULD CONDUCT A SUFFICIENT INVESTIGATION TO ESTABLISH THE SUITABILITY OF ANY PRODUCT FOR ITS INTENDED USE. Liability of Nuvo Silicon Products for all claims is limited to the purchase price of the material. For all products listed, user should obtain detailed information on toxicity, together with proper shipping, handling and storage procedures, and comply with all applicable safety and environmental standards.