

Technical Data Sheet

 **NAEWAI CORPORATION**

A-708, Hypex, 240 Pangyoyeok-ro, Bundang-gu,
Seongnam-si, Gyeonggi-do, Korea
Phone: 82-70-4010-9233
E-mail: info@naewai.com

Selenium

Product Identification

Product name : Selenium
Chemical Formula : Se
CAS No. : 7782-49-2

Physical and Chemical Properties

Property	Value / Description
Purity	Se 99.9% min
Physical State	Solid (powder, granular)
Color	Black or Grey
Density	4.8 – 4.82 g/cm ³
Melting Point	217 - 221 °C
Boiling Point	685 °C
Solubility in Water	Very low (0.9 %, 22 °C)
Electrical Properties	p-type semiconductor, photoconductive
Stability	Stable under normal conditions
Reactivity	Reacts with oxygen, halogens, and strong oxidizers

Applications

Glass manufacturing, alloys, electronics (photovoltaic cells, semiconductors), Trace mineral supplement (antioxidant properties)

Packing

25kg net in sealed containers

Shipping Regulations

UN No. 3283

Safety Information

Toxic if swallowed. Toxic if inhaled. Causes damage to central nervous system, respiratory system, cardiovascular system, gastrointestinal tract.

May cause long lasting harmful effects to aquatic life.