

# Tellurium (Te)

## Physical Property

Standard atomic weight: 127.60  
Melting point: 452°C

Density: 6.25 g/cm<sup>3</sup>  
Boiling point: 1390 °C

## Specification

|                           | Purity    | Testing Impurity                           | Total Impurity Content |
|---------------------------|-----------|--------------------------------------------|------------------------|
| High Purity Te (5N)       | 99.999%   | Ag, Al, Cd, Cu, Fe, Mg, Ni, Pb, Se, Sn, Si | < 10 ppm               |
| Ultra Purity Te (6N)      | 99.9999%  | Ag, Al, Cd, Cu, Fe, Mg, Ni, Pb, Se, Zn, Ca | < 1 ppm                |
| Ultra High Purity Te (7N) | 99.99999% | Ag, Al, Cd, Cu, Fe, Mg, Ni, Pb, Zn, Ca, Se | < 0.1 ppm              |
| TeO <sub>2</sub> (5N)     | 99.999%   | Al, Ca, Cu, Fe, Pb                         | < 10 ppm               |

## Form

Ingot, pellet, granular, block, powder

## Application

Use for preparation II-VI elements chemical compound, semiconductor, thermoelectricity, transfer cell, refrigerating cell, piezoelectric crystal and infrared detector etc.

## Package

Packed with polyester fiber film, and plastic film encapsulation or glass tube with vacuum encapsulation

Te Powder



Te Granular



5N Te



7N Te

