

# Tellurium

## NANOPARTICLES

# Te

Purity  
**99.9%**

Stock no.  
**NS6130-01-185**  
CAS : **13494-80-9**

Tellurium is a chemical element with the symbol Te and atomic number 52. Tellurium is known to be one of the most interesting semiconductors. Tellurium compounds are used as pigments for ceramics. Selenides and tellurides greatly increase the optical refraction of glass widely used in glass optical fibers for telecommunications. Metallurgy is the prime application of Tellurium. It is used making iron, stainless steel, lead and copper alloys. It is also used in manufacture of solar panels, memory chips and optical modulators. Tellurium and its components are used as pigments for ceramics. Used in manufacture of rubber that is highly resistant to heat.

### Technical Specification

| Molecular Weight | Density               | Melting Point | APS      |
|------------------|-----------------------|---------------|----------|
| 127.60g/mol      | 6.24g/cm <sup>3</sup> | 449.51°C      | 80-100nm |



**APS: 80-100nm**



ISO 9001:2015  
CERTIFIED COMPANY



Follow us:



| [www.nanoshel.com](http://www.nanoshel.com) | [sales@nanoshel.com](mailto:sales@nanoshel.com)

**INTELLIGENT MATERIALS PVT LTD**  
Derabassi  
Punjab (140507)  
INDIA

+91 9779 550077, 9779238252

**NANOSHEL UK LIMITED**  
Chapel House,  
Chapel St Cheshire,  
CW12 4AB United Kingdom

+44 (0) 74 105 488, +44 203 137 5187

**NANOSHEL LLC**  
3422 Old Capitol Suit  
1305 Wilmington DE - 19808  
United States

+1 646 470 4911