SCIENCE DRIVEN SOLUTIONS

# TESn

## TETRAETHYLTIN

### Physical Properties

| | |
|---|---|
| **Vapor pressure equat.:** | log(p(Torr)) = 8.9047- 2739/T(K) |
| **Density:** | 1.187 g/m³ |
| **Molweight:** | 166.9 g/mol |
| **Melting point:** | -112 °C / -170 °F |
| **Boiling point:** | 181 °C / 356 °F |
| **Sublimation point:** | |

### Chemical Properties

| | |
|---|---|
| **Stability:** | Stable under recommended storage conditions |
| **State of matter:** | Liquid |

### Safety & Transport

| | |
|---|---|
| **Toxicity:** | 200 mg(Sn)/m3 is immediately dangerous to life |
| **Thermal decomposition:** | |
| **ADR/RID-class:** | 6.1 |
| **UN-no:** | 3384, PG I |
| **IMDG-class:** | 6,1 |
| **UN-no:** | 3384, PG I |
| **ICAO/IATA-class:** | 6,1 |
| **UN-no:** | 3384, PG I –AIR FREIGHT FORBIDDEN |

For further details please refer to Safety Data Sheet (SDS)

### Packaging & Standard Filling Volumes

| | |
|---|---|
| **TESn.100.DOCK/10.150** | 100g / 150ccm cyl. |
| **TESn.400.DOCK/10.400** | 400g / 400ccm cyl. |
| **TESn.1000.DOCK/10.1000** | 1000g / 1000ccm cyl. |
| **TESn.3000.DOCK/10.3000** | 3000g / 3000ccm cyl. |

### Product Description

| | |
|---|---|
| **Name:** | TETRAETHYLTIN |
| **CAS-Number:** | 597-64-8 |
| **Element:** | Sn |
| **Molecular Formula:** | $C_8H_{20}Sn$ |

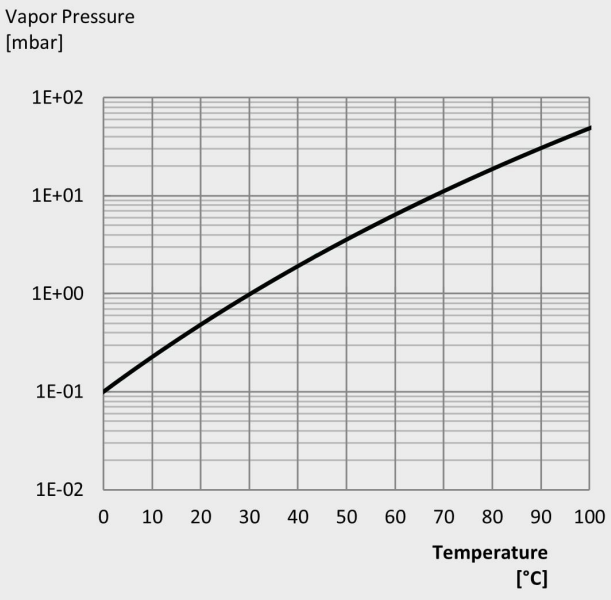
### Quality Standards

**EG Electronic Grade**

### Application

**Tin precursor for CVD application.**

### Vapor Pressure



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