

## Technical Data Sheet

# Indium Tin Oxide Powder

**Product ID:** 4908500800PD001 / 4908500800PD002

**Formular:**  $\text{In}_2\text{O}_3\text{-SnO}_2$  **Molecular weight:** /

**CAS No.:** 50926-11-9 **EINECS No.:** /

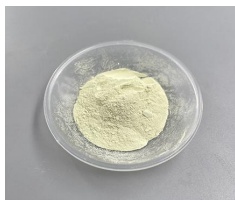
**Color:** Yellow-green

**Description:** Our ITO powders are available in both micron and nano sizes, with customizable particle sizes to meet specific requirements, offering excellent electrical conductivity and good chemical stability.

**Application:** Transparent conductive coatings, touch panels, displays, solar cells, etc.

**Product**

**Image:**



## 1. Sizes

Product ID	Formular	Size
4908500800PD001	$\text{In}_2\text{O}_3\text{-SnO}_2$ (90/10 wt%)	-325 Mesh
4908500800PD002	$\text{In}_2\text{O}_3\text{-SnO}_2$ (90/10 wt%)	< 100 nm
4908500800PDDZ	$\text{In}_2\text{O}_3\text{-SnO}_2$	Customized

## 2. Chemical compositions

Element Typical Value Purity	Metal impurities (ppm)						
	Cu	Si	Al	Fe	Ti	Pb	Cd
99.99%	≤ 15	≤ 10	≤ 15	≤ 10	≤ 10	≤ 10	≤ 10

*Note: The purity values shown are calculated by subtracting the sum of selected measured elemental impurities from 100%. These values do not represent the result of a full elemental analysis.*

### **3. Packaging**

Bottled/Bag.

Double vacuum packed.

### **4. Period of Validity**

It is recommended to use this product within 12 months. If it is overdue, the product quality status should be re-evaluated.

### **5. Handling and Storage**

Handle in a dry, well-ventilated environment and avoid moisture, dust generation, and direct contamination during use.

Store in a tightly sealed container in a cool, dry place away from humidity and direct sunlight to maintain product stability.

### **Contact Us**

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