

Technical Data Sheet

Indium Tin Oxide Powder

Product ID:	4908500800PD001 / 4908500800PD002		
Formular:	In ₂ O ₃ -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	In ₂ O ₃ -SnO ₂ (90/10 wt%)	-325 Mesh
4908500800PD002	In ₂ O ₃ -SnO ₂ (90/10 wt%)	< 100 nm
4908500800PDDZ	In ₂ O ₃ -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.

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