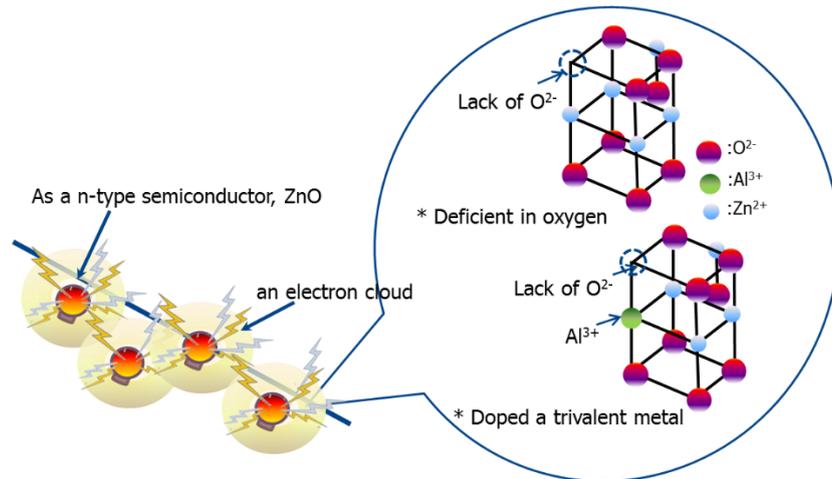


# Technical Data Sheet

## SFG ZnO 23K

### Description



Zinc oxide crystal structures

Chemical Name            Al-Doped Zinc Oxide  
CAS #                      1314-13-2 & 1344-28-1

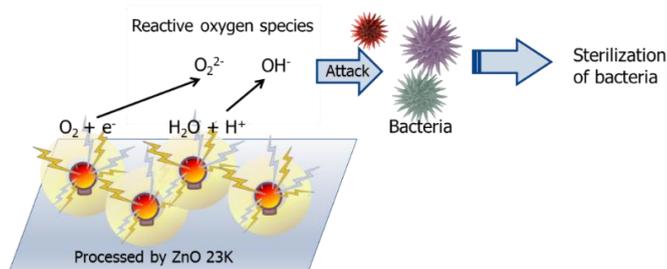
SFG ZnO 23K has the conductivity due to the zinc oxide crystal structure doped a trivalent metal or efficient in oxygen. Its unique property contributes anti-bacterial, anti-static & deodorizing functions. Also, it is antimony-free product which is made of environmentally friendly ZnO and Al.

### Specifications

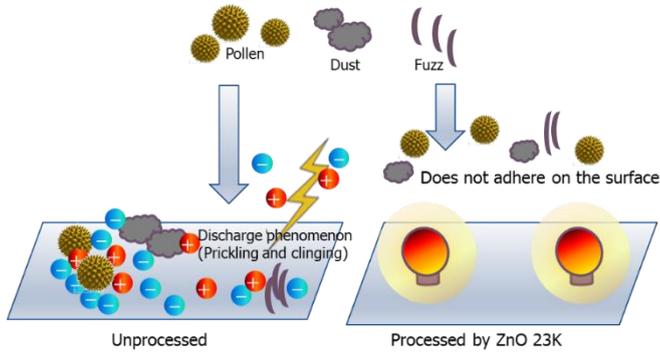
Item	Specification
Volume Resistivity ( $\Omega\cdot\text{cm}$ )	100 ~ 500
Hunter whiteness	Min. 77
Particle size ( $\mu\text{m}$ )	0.12 ~ 0.25

### Function & Mechanism

#### • Anti-Bacteria

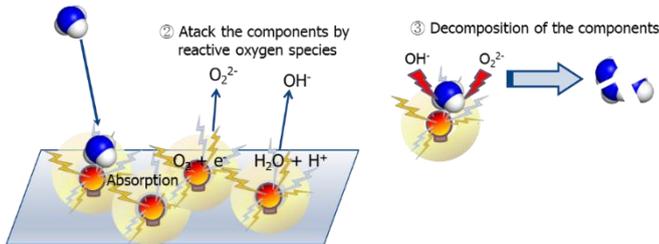


**• Anti-Static**



**• Deodorization**

① Absorption of the malodor components



**Application**

**Textile**

Functional fabric for anti-bacterial, deodorizing & anti-static functions

**Coating & Paint**

Conductive anti-static paint for hospital, clean room & kindergarten

**Cosmetics**

Functional ingredient with anti-dust, anti-bacterial & deodorizing

**Storage**

Protect from sunlight. Store in a well-ventilated place. Store in a closed container.

**Shelf Life**

2 years