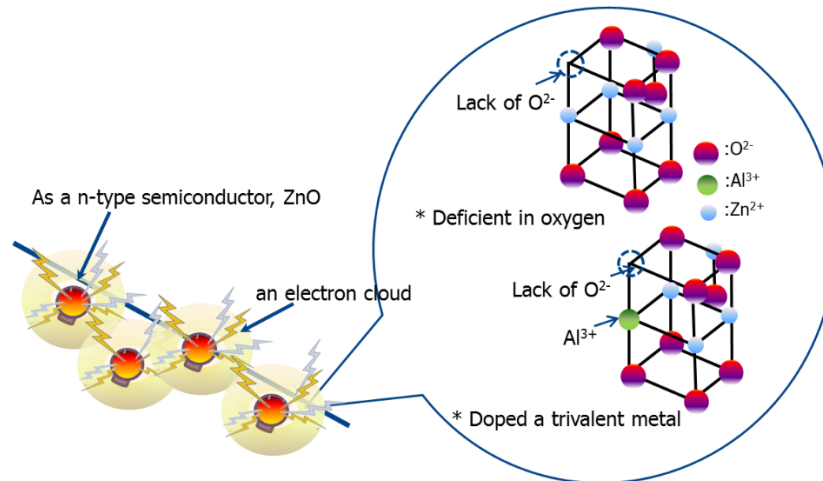


Technical Data Sheet

SFG ZnO 23K

Description



Zinc oxide crystal structures

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

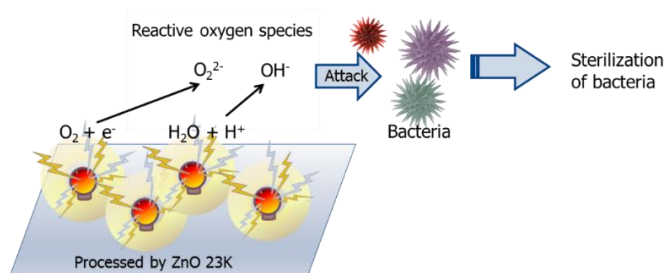
SFG ZnO 23K has the conductivity due to the zinc oxide crystal structure doped a trivalent metal or efficient in oxygen. Its unique property contributes anti-bacterial, anti-static & deodorizing functions. Also, it is antimony-free product which is made of environmentally friendly ZnO and Al.

Specifications

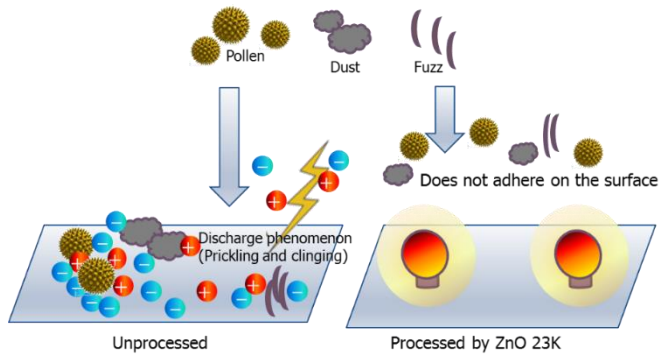
Item	Specification
Volume Resistivity ($\Omega \cdot \text{cm}$)	100 ~ 500
Hunter whiteness	Min. 77
Particle size (μm)	0.12 ~ 0.25

Function & Mechanism

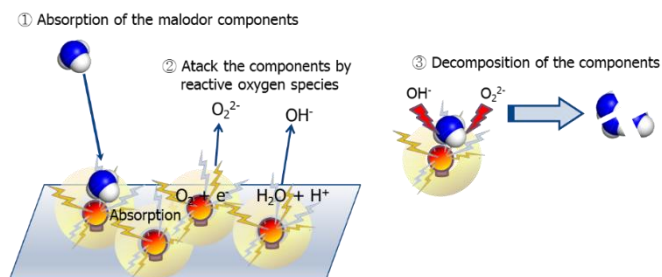
• Anti-Bacteria



• Anti-Static



• Deodorization



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