

# GTODC-GL Ozone Destruct Catalyst

## PRODUCT DESCRIPTIONS

GTODC-GA uses activated alumina as the support and nanocomposite metal oxide as the catalytically active component. The catalyst can be used for the purification of higher concentration ozone emissions. It can quickly catalyze the decomposition of ozone into non-toxic oxygen at room temperature. The catalyst is spherical particles with the characteristics of larger specific surface area.

## PRODUCT FEATURES

### ▶ **Activated Alumina Support**

Activated alumina has a rich pore structure, which allows the active components of the catalyst to be dispersed in the carrier and improves the thermal stability and anti-toxicity of the catalyst.

### ▶ **High Temperature Resistance**

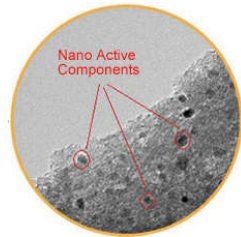
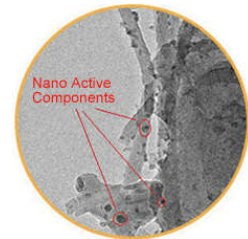
GTODC-GL catalyst does not contain carbon elements, all materials are inorganic, and will not be damaged by heat when decomposing and eliminating high-concentration ozone.

### ▶ **High Catalytic Activity**

The catalyst adopts a composite multi-element catalyst system. After years of technical research and use verification, the catalyst has high catalytic activity and high stability.

### ▶ **High moisture Resistance**

The coating of the ozone catalyst adopts rare earth composite oxide with high catalytic activity, which has a stable structure and can resist high humidity.



## TECHNICAL SPECIFICATIONS

<b>Catalyst Appearance</b>	Black spherical particles
<b>Product size</b>	φ(2-4mm)
<b>Body Material</b>	Activated alumina
<b>Coating Material</b>	Nano composite metal oxide
<b>Bulk Density</b>	600-800 kg/m <sup>3</sup>
<b>Specific Surface Area</b>	≥1,000 m <sup>2</sup> /g
<b>Suitable O<sub>3</sub> Concentration</b>	≤10,000 ppm
<b>Applicable Humidity</b>	≤90%
<b>Applicable Airspeed</b>	10,000-50,000 h <sup>-1</sup>
<b>Working Temperature</b>	≥70 °F
<b>Purification efficiency</b>	95-99.9%
<b>Purification Depth</b>	0.01 ppm
<b>Service Life</b>	1-3 year
<b>Product Packaging</b>	Bag or Barrel