

GTODC-GT Ozone Destruct Catalyst

PRODUCT DESCRIPTIONS

GTODC-GT catalyst is made of manganese copper based composite metal oxide. The process and materials are updated, and the catalyst has a higher ozone decomposition activity. It is made into clover strips, the surface area is increased by 25%, the porosity is increased by more than 30%, and the wind resistance of the catalyst is reduced under the same conditions.



PRODUCT FEATURES

► Higher Ozone Decomposition Activity

GTODC-GT catalyst is made of manganese copper based composite metal oxide. The process and materials are updated, and the catalyst has a higher ozone decomposition activity.

► More Effective Appearance

GTODC-GT is made into clover strips, the surface area is increased by 25%, the porosity is increased by more than 30%, and the wind resistance of the catalyst is reduced under the same conditions.

► High Temperature Resistance

GTODC-GT catalyst does not use carbon, which will not cause a large amount of heat to be generated during the ozone decomposition process and cause the catalyst to burn and pulverize.

► High Moisture Resistance

GTODC-GM catalyst is made of a composite metal oxide with catalytic activity, and it works normally in an environment with a relative humidity of 90%.



TECHNICAL SPECIFICATIONS

Catalyst Appearance	Dark brown columnar particles
Product size	$\varphi(2-4\text{mm}) \times (5-15\text{mm})$
Body Material	Manganese-based composite metal oxide
Coating Material	None
Bulk Density	700-900 kg/m ³
Specific Surface Area	$\geq 1000 \text{ m}^2/\text{g}$
Suitable O₃ Concentration	$\geq 1000 \text{ ppm}$
Applicable Humidity	$\leq 90\%$
Applicable Airspeed	10,000-50,000 h ⁻¹
Working Temperature	$\geq 70^\circ \text{F}$
Purification efficiency	95-99.9%
Purification Depth	0.01 ppm
Service Life	1-3 year
Product Packaging	Bag or Barrel