

Iron oxide catalyst



Activated Iron Oxide for Combustion Catalyst [TIC[®]]

FEATURES

Iron oxide is used as a combustion additive since it has catalytic activity which makes other substances oxidize. The combustion catalyst "TIC[®]" is enhanced the catalytic activity to the maximum.

CHARACTERISTICS

- 1 Superior combustion enhancement function**
TIC[®] promotes to make even wet trash combust completely in an efficient way.
- 2 Effect on decreasing dioxins generation**
TIC[®] is effective in decreasing dioxins generation by complete combustion.

SPECIFICATIONS

TIC[®] is an activated Ferroxide[®] powder consisting of α -FeO(OH) which has high catalytic activity at low temperature. TIC[®] has a property of high conversion rate from CO to CO₂ as shown in the right figure.

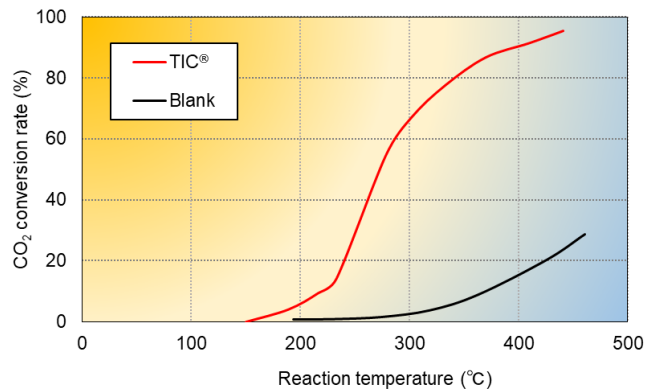
"ROK[®]" is a masterbatch type of TIC[®] which is used for material of plastic products. ROK[®] reduces the effects on the environment when burning.



【Appearance of ROK[®]】

APPLICATIONS

- Combustion additive for waste incinerators.
- Combustion additive for coal/biomass power generation.
- Eco-friendly plastic products.



【CO Conversion Properties】



【Garbage Bags for Combustible Waste Using ROK[®]】

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