



Technical Literature I-04

AURUM[®] Combustion Gas Analysis

Results of an analysis of the gases emitted during the combustion of AURUM[®] are shown below. There is no emission of any metal corrosion gas such as hydrogen chloride and sulfur oxide.

(1) Testing Institute

Japan High Polymer Center

(2) Testing Method

Japanese Industrial Standard JIS K 7217-1983, *Plastics Combustion Gas Analysis Method*

(3) Test Results

- Sample form: Pellets
- Combustion gas temp.: 750°C (setting)
- Combustion gas composition:

Emitted Gas (mg/g)	AURUM [®] #450	AURUM [®] JCN3030
Carbon monoxide	200	160
Carbon dioxide	2300	1950
Hydrogen chloride	Not detected	Not detected
Hydrogen cyanide	Ditto	Ditto
Ammonia	2.0	1.2
Sulfur oxides	Not detected	Not detected
Nitrogen oxides	0.6	0.2

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