



Torelief Combustion Gas Analysis

Analysis Method :

By JIS K 7217 Method, `Analysis Method of Plastic Combustion .

Temperature : 500 C degree, Gas for combustion : Air at 1.5 litre/minute x 5 minutes).

Analysis Results

Components	Weight of Each Component (mg/g-sample)			
	DLE	HX-4	W-II	Nylon-66
Carbon Monoxide	60	120	220	205
Carbon Di-oxide	1700	1400	1700	509
Hydrogen Cyanide	Not detected	Not detected	Not detected	31
Nitrogen Dioxide	Not detected	Not detected	Not detected	Not detected
1,3-Butadiene	<0.2	<0.2	0.9	Not listed
Benzene	0.3	0.64	3.2	Not listed

The following items are important, and recommend by Toray:

1. The gas from laser engraver should be discharged directly to the outside through a suitable filter and dust-catcher.
The gas should not be discharged indoors, as it may contain carbon monoxide. (CO gas).
2. The plate making room should be well ventilated.

TORAY

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