

VA Application Note No. V- 63

Title: Cyanide in gases resulting from the incineration of plastic insulation materials

Summary: Determination of cyanide in gases resulting from the incineration of plastic insulation materials by polarography after sample preparation

Sample: Cable insulation

Sample Preparation: The plastic sample is burned as described in NF F 16101. and absorbed in a NaOH solution. This solution is used directly for analysis.

Cyanide:

Electrolyte: KOH and H_3BO_3

AE: Pt

RE: Ag/AgCl/KCl 3M

Parameters: DPPOL (-50 mV), DME
 $U_{start} = -100$ mV, $U_{end} = -600$ mV
 E_p (cyanide) = -310 mV

Results:	Cyanide mg/L
	1.8

Determination of cyanide

