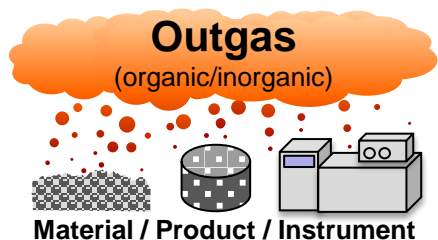


Outgas analysis

What's outgas ?

Outgases caused by several factors might induce some negative effects



Heat, Pressure, Oxidation, Reduction, etc.

Trouble in Industrial machine

Corrosion of metal parts

Failure of Molding product

Void, crack, coloring, dimensional error

Influence on Environment

Odor, Volatilization of pollutants

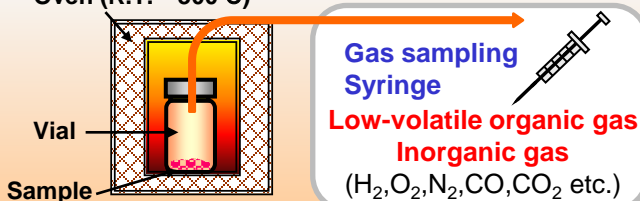
Analysis methods of various outgas

Model tests with combination of heat process and instrumental analysis for simulating actual behavior of the products are very effective .

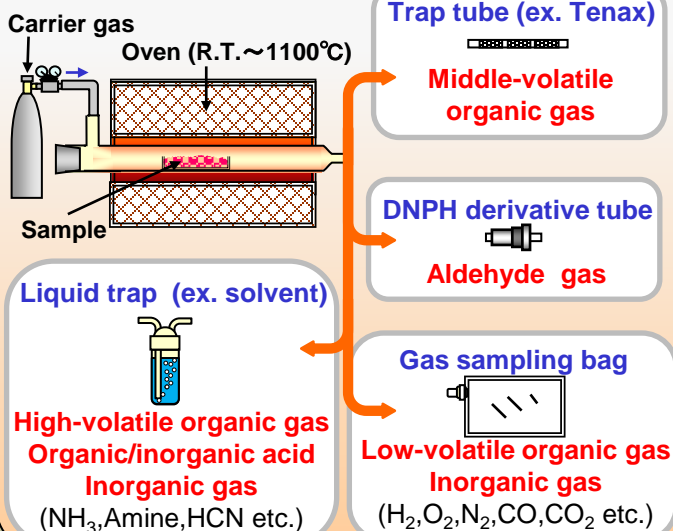
Heat process

Headspace (Static headspace)

Oven (R.T. ~ 300°C)



Purge & Trap (Dynamic headspace)



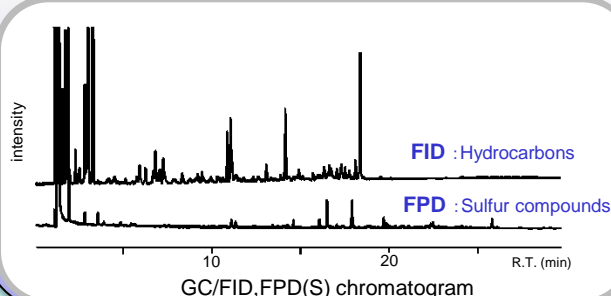
Wafer analyzer

etc.

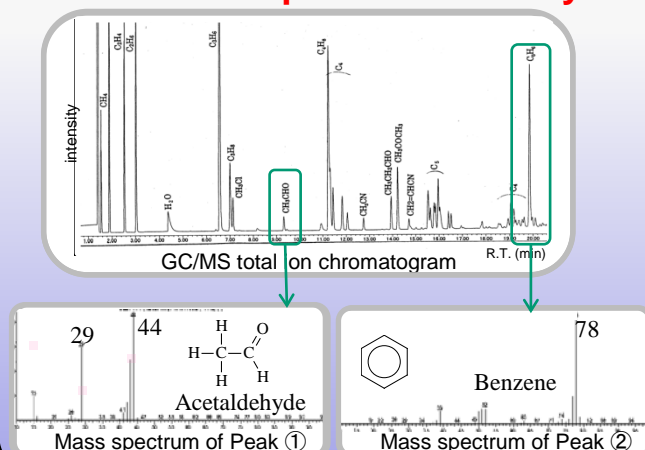
Instrumental analysis

GC

Selective detection
Quantitative analysis



GC/MS Comprehensive detection Qualitative & quantitative analysis



HPLC

etc.



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