

Halogen Content IEC 60754-1

Test on gases evolved During Combustion.

Part 1

Determination of Halogen acid gas content

Level of halogen content is being measured during combustion of pelleted plastic material.

Prior the test is the material conditioned at 23 degrees +/- 2 degrees and humidity 50% for 16 hour.

Two test runs are made, Measured in mg/g

Burn procedure: Between 0.5 and 1g of material is placed into a tube furnace. Over a period of 40 minutes, the temperature inside of the tube furnace is steady increased to 800°C, the temperature is then maintained for a further 20 minutes. The gases produced are absorbed into a defined catch solution, which is later made up to one litre and then analysed.

