

DIN EN 16738:2016-04 (E)

Emission safety of combustible air fresheners - Test methods

Contents		Page
European foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	5
4	Test methods	6
4.1	Principles	6
4.2	Apparatus	7
4.3	General test conditions	7
4.3.1	General	7
4.3.2	Test chamber volume	7
4.3.3	Number of test specimens at the same time in the test chamber	7
4.3.4	Positioning of test specimens in the test chamber	8
4.3.5	Air supply quality and background concentration	9
4.3.6	Test specimen preparation and ignition	9
4.3.7	Temperature inside the test chamber during the test	10
4.3.8	Relative air humidity inside the test chamber during the test	10
4.3.9	Oxygen concentration inside the test chamber during the test	10
4.3.10	Control of the burning process	10
4.3.11	Burn rates	11
4.3.12	Sampling and analysis of VOC (benzene, naphthalene)	11
4.3.13	Sampling and analysis of formaldehyde	11
4.3.14	Sampling and analysis of NO ₂ (nitrogen dioxide)	12
4.3.15	Sampling and analysis of SO ₂ (sulfur dioxide)	12
4.3.16	Sampling analysis of CO	12
4.4	Procedures of testing	12
4.5	Calculation of results	12
5	Test report	13
Annex A (informative) Description of sorbent types		14
Bibliography		15