

DIN 75201:2024-06 (E)

Determination of the fogging characteristics of trim materials in the interior of automobiles

Contents		Page
Foreword		4
1	Scope	6
2	Normative references	6
3	Terms and definitions	6
4	Tolerances	7
5	Principle of methods	7
5.1	Method A	7
5.2	Method B	7
6	Designation	8
6.1	Method A	8
6.2	Method B	8
7	Materials, auxiliary equipment, apparatus	8
7.1	Materials	8
7.2	Auxiliary equipment	9
7.3	Apparatus	10
8	Sampling, test specimens and conditioning	15
8.1	Number of test specimens	15
8.1.1	Method A	15
8.1.2	Method B	15
8.2	Sampling and conditioning	15
8.2.1	General	15
8.2.2	Coated and uncoated textiles	15
8.2.3	Leather	15
8.2.4	Raw materials in powder, paste and liquid form	15
8.2.5	Moulded parts	15
8.3	Drying test specimens	16
9	Procedure	16
9.1	Cleaning	16
9.1.1	Fluoroelastomer sealing rings	16
9.1.2	Beakers and metal rings	16
9.1.3	Glass plates for method A	17
9.1.4	Inspection after cleaning	17
9.1.5	Glass plates for method B	18
9.2	Control test with DIDP	18
9.2.1	Control test for method A	18
9.2.2	Control test for method B	18
9.3	Arrangement of test specimens	18
9.4	Measurements to be taken before the fogging test	18
9.4.1	Method A: Gloss values	18
9.4.2	Method B: Aluminium foils	19
10	Fogging test	19

10.1	Covering the glass beakers	19
10.1.1	Method A	19
10.1.2	Method B	19
10.2	Conditions for the tempering unit	19
10.3	Conditioning requirements	20
10.3.1	Method A	20
10.3.2	Method B	20
10.4	Measurements to be taken after the fogging test	20
10.4.1	Method A	20
10.4.2	Method B	20
10.4.3	Number of measurements	20
11	Evaluation	21
11.1	Method A	21
11.2	Method B	22
12	Test report	23
12.1	Method A	23
12.2	Method B	24
	Annex A (informative) Explanatory notes	25
	Bibliography	26
	Figures Figure 1 -- Glass beaker, top illustration = side view, bottom illustration = view from above .	9
	Figure 2 -- Tempering unit (design example thermostatically controlled bath)	11
	Figure 3 -- Tempering unit -- Accessory (design example dry tempering unit)	12
	Figure 4 -- Tempering unit (design example dry tempering unit)	13
	Figure 5 -- Backing plate with glass plate and spacer, with example showing reference marks for positioning and centring the glossmeter (e.g. rectangular (can also be round with concentric hole))	14
	Tables Table 1 -- Duration of drying for various materials	16