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Test Sonucu : K1

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Sample ID: GF MSS BAF F5
GF MSS BAF F7
GF MSS BAF F9

	TEST	METHOD	RESULT
*	Testing of Combustible Materials - Response to Ignition By A Small Flame- Edge Ignition	DIN 53438-2	K1



Seal



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Environment

The requirements and standards apply to equipment intended for use in,

X	Residential (domestic) environment
X	Commercial and light-industrial environment
X	Industrial environment
X	Medical environment



DIN 53438-2 : Testing of Combustible Materials - Response to Ignition By A Small Flame- Edge Ignition

Methods for assessing the behaviour of material after edge ignition r edge ignition

Principle of The Method

- mount specimen in a vertical position
- 20 mm flame height to be adjusted
- burner inclined at 45
- 15 sec edge ignition
- measure the time that it takes the tip of the flame to progress to the point of the upper measuring mark, or after the flame has extinguished

Edge Flame Treatment - Method K:

K1	Measurement point cannot be reached with the flame tip of the combustion test sample
K2	Flame tip of the burnt sample reaches measurement mark in > 20 seconds
K3	Flame tip of the combustion test sample reaches the measuring mark within <20 seconds



TEST RESULTS

Room Temperature : 27.6 °C
Sample No : GF MSS BAF F5

Conditioning		
Hour	Temperature	Relative Humidity
> 48 h	23 °C	50 RH

Results			
Sample	1	2	Mean
Test Result :	Edge Ignition		
Ignition time in (s)	22	27	23
Glow duration in (s)	0	0	0
150 mm reached after (s)	-	-	-

OBSERVATION: Measurement point cannot be reached with the flame tip of the combustion test sample

RESULT : Class K1



Room Temperature : 27.6 °C
Sample No : GF MSS BAF F7

Conditioning		
Hour	Temperature	Relative Humidity
> 48 h	23 °C	50 RH

Results			
Sample	1	2	Mean
Test Result :	Edge ignition		
Ignition time in (s)	24	25	24
Glow duration in (s)	0	0	0
150 mm reached after (s)	-	-	-

OBSERVATION: Measurement point cannot be reached with the flame tip of the combustion test sample

RESULT : Class K1



Room Temperature : 27.6 °C**Sample No : GF MSS BAF F9**

Conditioning		
Hour	Temperature	Relative Humidity
> 48 h	23 °C	50 RH

Results			
Sample	1	2	Mean
Test Result :	Edge ignition		
Ignition time in (s)	21	28	26
Glow duration in (s)	0	0	0
150 mm reached after (s)	-	-	-

OBSERVATION: Measurement point cannot be reached with the flame tip of the combustion test sample**RESULT : Class K1**