



Test
TS EN ISO/IEC 17025
AB-0716-T

AB-0716-T
TURT260037513
04-26

TEST REPORT

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REPORT NUMBER : TURT260037513
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ADDRESS Halilbeyli OSB.Mah.Sanayi Cad. No:11 Kemalpaşa/İzmir
Attention : Ergün Çakır (ergun@isolotten.net)
SAMPLE DESCRIPTION : Ten samples of Grey foam
DATE IN : 31 March, 2026
DATE OUT : 08 April, 2026
MODEL NO : ISOLOTTEN 3005 AV D 741 FR05

TEST	Sample
HORIZONTAL BURNING FOAMED MATERIAL TEST (UL 94:2024 HF1-HF2)	P

P = MEETS BUYER' S REQUIREMENT / F = DOES NOT MEET BUYER' S REQUIREMENT / NR = NO REQUIREMENT / SC=STILL CONTINUES / X=NOT PERFORMED / NA = NOT APPLICABLE/ LS : LACK OF SAMPLE

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RESULTS

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HORIZONTAL BURNING FOAMED MATERIAL TEST (UL 94:2024 HF1-HF2)

UL 94:2024

Test Specification

Flame application time: 60 seconds

Sample Size: 150 x 50 mm

Test Flame: 38 mm methane gas flame applied.

Condition 1 :

Prior to testing:

At least 48 hours in an atmosphere having a temperature 23±2 °C, and a relative humidity of 50±5%

Condition 2 :

Prior to testing:

168 hours at 70°C and then cooled in the desiccator for at least 4 hours at room temperature

At time of testing:

Temperature between 15°C & 35°C
Relative humidity between 45% & 75%.

Test Result:

'The methods described in this standard involve standard size specimens and are intended to be used solely to measure and describe the flammability properties of materials, used in devices and appliances, in response to a small open flame under controlled laboratory conditions.'

The performance level of a material determined by these methods shall not be assumed to correlate with its performance in end-use application. The actual response to heat and flame of materials depends upon the size and form, and also on the end-use of the product using the material. Assessment of other important characteristics in the end-use application includes, but is not limited to, factors such as ease of ignition, burning rate, flame spread, fuel contribution, intensity of burning, and products of combustion.

Specimen no	Afterflame time (Second)	Afterglow time (Second)	Cotton indicator ignited (Y/N)	Damage Length (mm)
Condition 1 (HF 1 veya HF 2 for)				
1	*	*	*	*
2	*	*	*	*
3	*	*	*	*
4	*	*	*	*
5	*	*	*	*
Condition 2 (HF 1 veya HF 2 for)				
1	*	*	*	*
2	*	*	*	*
3	*	*	*	*
4	*	*	*	*
5	*	*	*	*

*The sample ignited but extinguished before 25 mm

Y: Yes N: No NS: Not Severed

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HF-1 ve HF 2 için Requirement /Result	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>	Pass <input checked="" type="checkbox"/>	Fail <input type="checkbox"/>
	HF-1		HF-2	
Afterflame time	4/5 is ≤ 2 s		4/5 is ≤ 2 s	
	1/5 is ≤ 10 s		1/5 is ≤ 10 s	
Afterglow time for each individual specimen	≤ 30 s		≤ 30 s	
Cotton indicator ignited by flaming particles or drops	No		Yes	
Damaged length for each individual specimen	< 60 mm		< 60 mm	
Notes: 4/5 – Four out of a set of five specimens. 1/5 – One out of a set of five specimens.				

Estimated Total Uncertainty= ($\pm 0.6\%$)

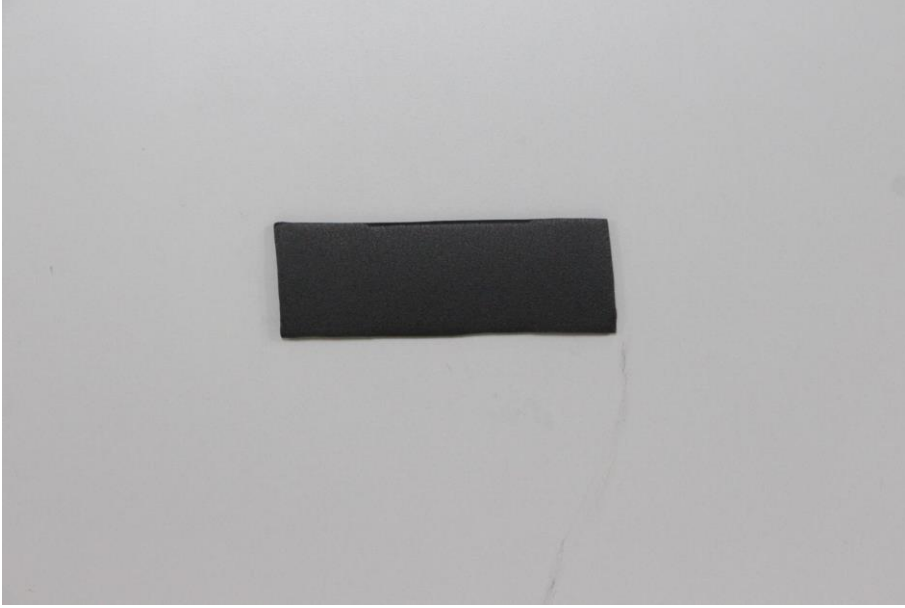
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SAMPLE PHOTO



END OF TEST REPORT

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