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Applicant : QAB YATAK MOB. TEKS.
Contact Person : AHMET KIZILCA / QAIS JARRAR
Contact Telephone: +905543695983 / +905366526531
E-Mail: ahmedkizilca@hotmail.com / qaissjarrar@hotmail.com
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Sample ID : YATAK 99x190x25 cm

	TEST	METHOD	RESULT
*	Standard For The Flammability (Open Flame) Of Mattress Sets	16 CFR 1633	PASS



Seal

Customer Representative
Merve Nur KIRVELİLaboratory Manager
Merve ÖZLÜ

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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

16 CFR 1633 - Standard For The Flammability (Open Flame) Of Mattress Sets

Scope

This test exposes the surfaces of a bearing and its foundation to a certain intensity of gas burner flames. This density is intended to be comparable to the level experienced by a mattress while burning on the mattress covers. As with all gas burner tests, the intensity of exposure requires careful control of some factors. The required exposure density or heat flux is only at a certain distance from the burner head, and this distance depends on the gas flow rate to the burner. Therefore, it is important to correctly set the gas flow and stopping distance to each burner to ensure proper sample surface exposure.

Likewise, it is essential to keep the burner parallel to the sample surface; otherwise, the heat flux will be too high on one side of the burner feed tube and too low on the other.

Finally, burner flames will reduce the average heat flux to which the sample surfaces are exposed by laboratory air flow fluctuations or the flame movement caused by it.

TEST RESULT

Test Information

Test Room:

(60 ± 5)% RH, 20-27 ° C (68 ° F ~ 80 ° F)

Measurement Type	Starting Value	Requirement	Maximum Value	Time Occurred	Result
Heat Release Rate (kW)	0	200 kW	30.0 kW	00:00:10	PASS
Total Heat Release - First 10 Minutes (MJ)	0	15 MJ	2.2 MJ	00:05:00	PASS

Total Test Time: (hr: min: sec)

00:30:00

See figures for a graphical representation of Rate of Heat Release and Total Heat Release.

OBSERVATION

16.00 - Specimen removed from conditioning room.

16.05 - Test started.

16.42 - After the ignition source was extinguished, very small flames formed and melted in the sample, the flame did not continue after the melted parts fell. There was no flame spread.

16:15 - Flame extinguished by itself.

16:30 - Test finished.

Figure 1. Heat Spread Rate and Time Chart

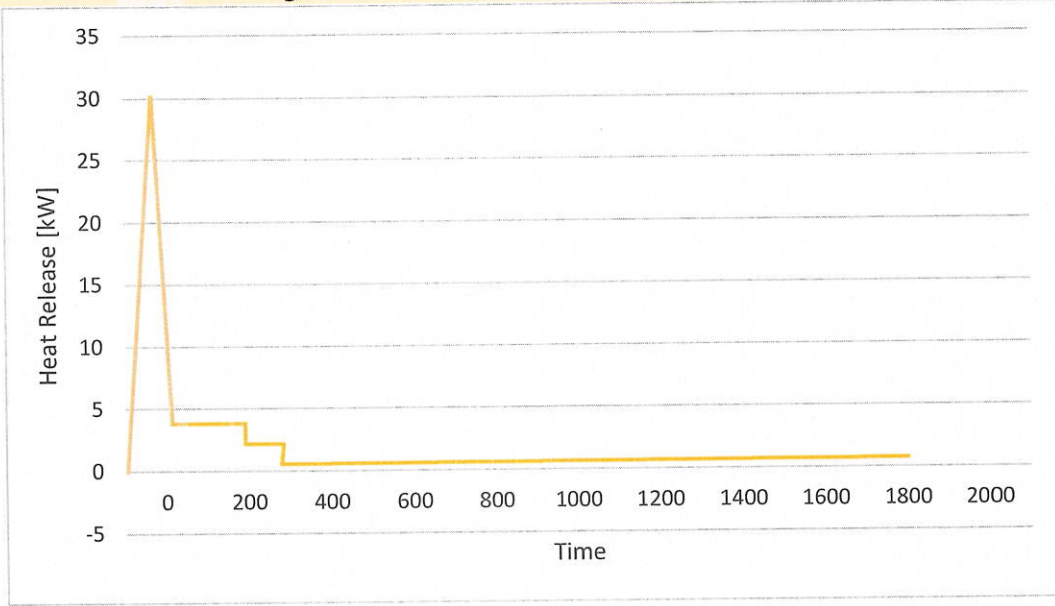
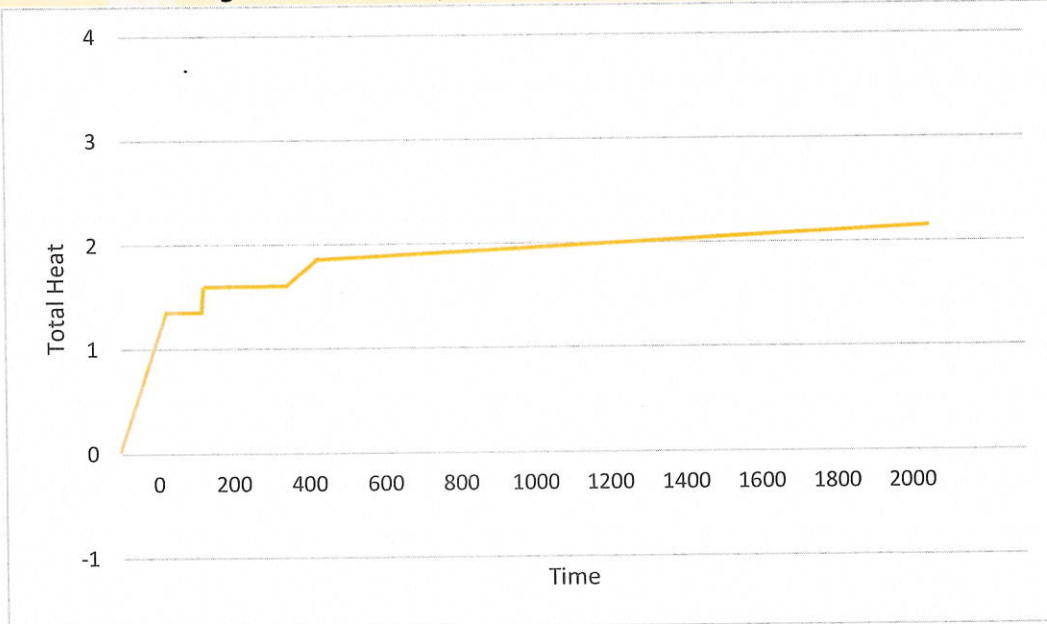


Figure 2. Time Graph Against Total Heat Dissipation



*** End of Report***