

KAKEN

Kaken Test Center GENERAL INCORPORATED FOUNDATION

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Kaken Test Center is formerly named as "Japan Synthetic Textile Inspection Institute Foundation(JSTIIF)".

No.1/2

Certificate No. : OS-16-002256(1)

Date : April 15, 2016

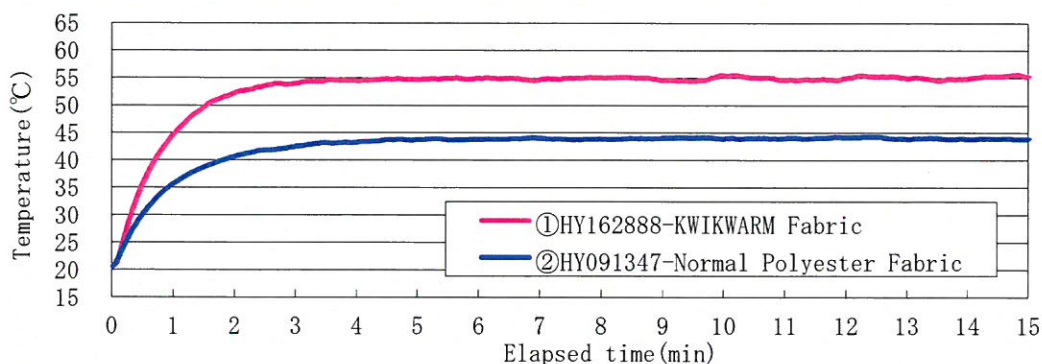
TEST CERTIFICATE

Requested : Beta Textiles Co., Limited
Test Samples : ①HY162888-KWIKWARM Fabric
②HY091347-Normal Polyester Fabric, 2 Samples in Total.
Test Items : Evaluation of Heat Storage Efficiency
Received : April 11, 2016

This is to certify that the results of laboratory test applied on the sample are as follows:

1. Test Results

Elapsed time (min)	Temperature (°C)	
	①	②
0	20.5	20.5
0.5	35.7	30.2
1	44.7	35.7
2	52.2	40.7
5	54.8	43.8
10	55.5	43.9
15	55.3	44.0



Kaken Test Center General Incorporated Foundation
Osaka Laboratories

Inspector : T. Oida
T. Oida

(To be continued on No.2/2)

Kaken Test Center
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TEST CERTIFICATE

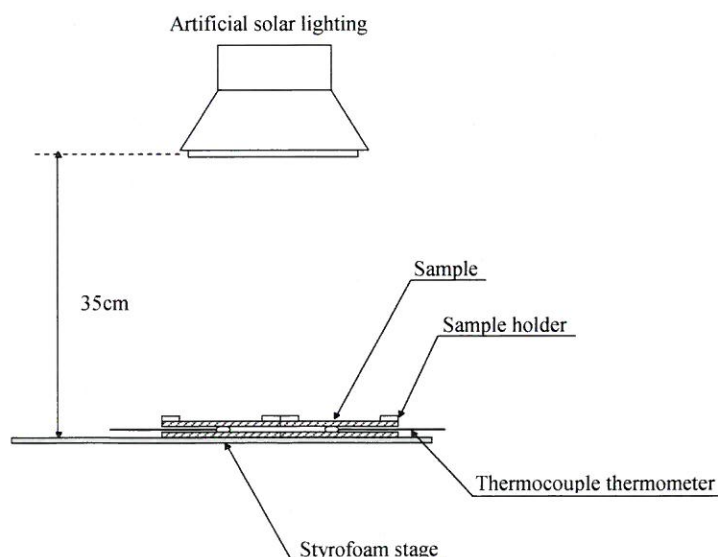
(continued from No.1/2)

2. Test Method

Curves of a temperature-elapsed time relationship, obtained through a thermocouple thermometer inserted between two layers of test sample, has been recorded under the following heating conditions. (Refer to the illustration shown below.)

In addition, two measurements have been carried out for each sample by alternating the position of the two samples on the apparatus. Test results have been calculated as the mean of the two measurements.

Reflight	: Artificial Solar lighting XC-500EFSS manufactured by Seric.,Ltd
Irradiation Distance	: 35cm
Irradiation Surface	: Surface of a test sample
Duration of Irradiation	: 15 minutes
Atmospheric Condition	: $20 \pm 2^{\circ}\text{C}$

**3. Samples**

Period.