



# Kaken Test Center GENERAL INCORPORATED FOUNDATION

2-5-19, Edobori, Nishi-ku, Osaka, 550-0002/ Japan  
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Kaken Test Center is formerly named as "Japan Synthetic Textile Inspection Institute Foundation(JSTIIF)".

No.1/2

Certificate No. : OS-16-059406(1)

Date : December 12, 2016

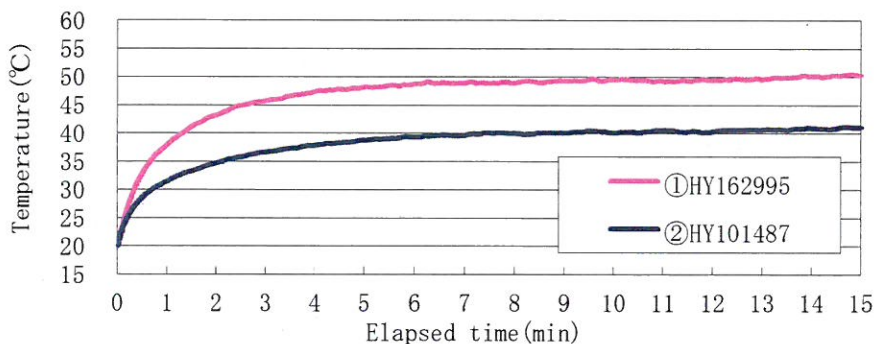
## TEST CERTIFICATE

Requested : Beta Textiles Co., Limited  
Test Samples : ①HY162995 ②HY101487, 2 Samples in Total.  
Test Items : Evaluation of Heat Storage Efficiency  
Received : December 7, 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	20.1	20.0
0.5	33.0	28.7
1	37.9	31.5
2	43.2	34.7
5	48.2	38.8
10	49.6	40.2
15	50.3	41.1



Kaken Test Center General Incorporated Foundation  
Osaka Laboratories

Inspector : T. Oida  
T. Oida

(To be continued on No.2/2)

Kaken Test Center  
GENERAL INCORPORATED FOUNDATION  
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### TEST CERTIFICATE

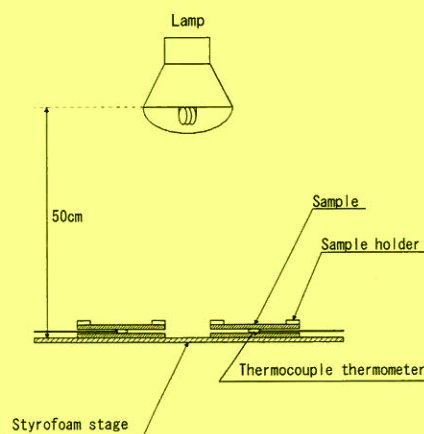
(continued from No.1/2)

#### 2. Test Method

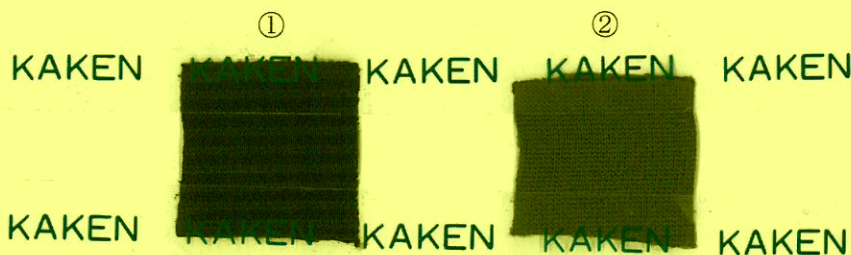
Curves of a temperature-elapased time relationship, obtained through a thermocouple thermometer inserted between two layers of test sample, has been recorded under the following heating conditions. (Refer to the illustration shown below.)

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 : Eye lamp <Spot>, PRS 100V, 500W,  
Manufactured by IWASAKI ELECTRIC Co., Ltd
- Irradiation Distance : 50cm
- Irradiation Surface : back side of a test sample
- Duration of Irradiation : 15 minutes
- Atmospheric Condition :  $20 \pm 2^{\circ}\text{C}$



#### 2. Samples



Period.