



# 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

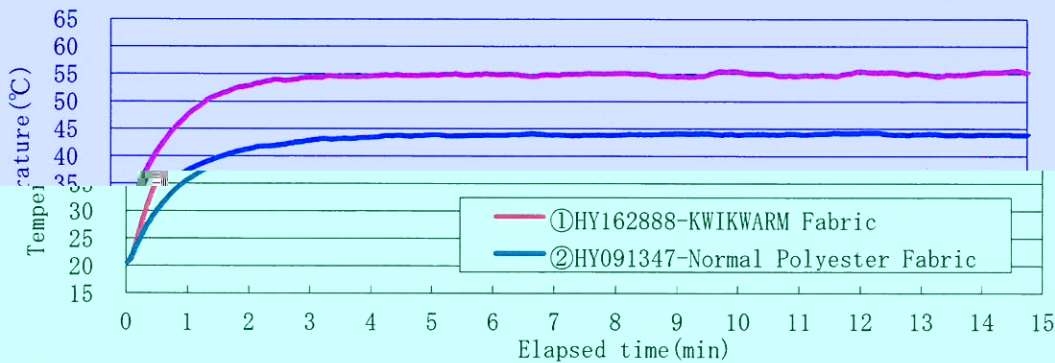
## TEST CERTIFICATE

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 to the samples 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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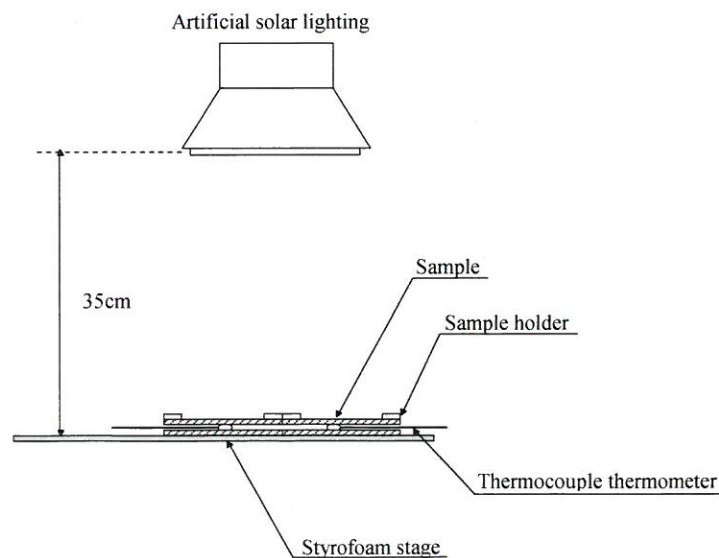
### TEST CERTIFICATE (continued from No.1/2)

#### 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.