



Kaken Test Center GENERAL INCORPORATED FOUNDATION

2-5-19, Edobori, Nishi-ku, Osaka, 550-0002/ Japan
Tel: +81-(0)6-6441-0315, Fax: +81-(0)6-6441-2420

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

No.1/2

Certificate No. : OS-17-011900(1)

Date : May 31, 2017

TEST CERTIFICATE

Requested : CROWN NAME (WH)UNITED Co., Ltd

Test Sample : CN4012CW 1 Sample

Test Item : Dusting Propensity

Received : May 23, 2017

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

1. Test Results

Test Item		Number of Particles {Particles/sec(Particles/ft ³)}	Test Method
Dusting Propensity	Particle Size	0.3 up to 0.5μm	JIS B 9923 Tumbling method (*) Number of Test Sample: One of a product Washing treatment : non-treatment
		101(279)	
		0.5 up to 1μm	
		43.1(120)	
		1 up to 5μm	
		225(625)	
5 up to 10μm	50.7(141)		
10 up to 25μm	3.0(8)		
25μm and over	0(0)		

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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KAKEN

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No.2/2

Certificate No. : OS-17-011900(2E)

Date : May 31, 2017

TEST CERTIFICATE

(continued from No.1/2)

Messrs. CROWN NAME (WH)UNITED Co.,Ltd

*** Test Procedure**

1. Dust-free condition in a test chamber has been verified by operating a tumble dust tester, without any test specimen, installed in a clean room of ISO Class 5 (Class 100).
2. A tumble dust tester with a test specimen has been operated.
3. Since 30 seconds after the start of a tester, the number of particles has been counted for 1 minute, consecutive 5 times, at a rate of 1 cubic foot per minute. The results except maximum and minimum values have been averaged as a dusting propensity.

Testers: Tumble dust tester CW-HDT-102 (Akado Manufacturing Co., Ltd.)

Rotating Speed of a dusting drum: 46rpm

Air Flow rate: 0.0102m³/sec (10.2L/sec)

Particle Counter: Met One A2400B (Hach Ultra Analytics)

Drafting rate: 1ft³/min (28.3L/min)

2. Test Sample



Period.