



Certificate Number : 0904-04701-38

Translation

Certificates of criterion-based Quality

Mesh sheet

H-1034(G182, G180, G150, G120, G90, G60, H182)

H-1004(H180, H150, H120, H90, H60)

The above temporary materials for construction has passed the quality test based on article 3 of the approval regulations for temporary materials for construction, thus, this certificate is issued by article 7 of the same regulations.

This certificate is valid for one year from the date of certification.

Messrs. Higashiyama Industries Co.,Ltd.
(Ine Factory)

**Scaffolding and Construction Equipment
Association of Japan**

Chairman Yoshimi SUZUKI
(Seal)

Certificate of Intensity Test Outcome

Certificate No.: 0904-04701

1 Name of Applicant	Higashiyama Industries Co., Ltd. Kotani Park Bldg., 1-19-25, Edobori, Nishi-ku, Osaka-city, Osaka, Japan
2 Item and Quantity	Mesh sheet 4 sheets
3 Date of Test	March 23, 2009
4 Laboratory	Osaka Laboratory of Scaffolding and Construction Equipment Association of Japan 4-41, Toyohara-town, Ibaraki-city, Osaka, Japan
5 Test Method	As attached "Certificate Analysis"
6 Test Outcome	As attached "Certificate Analysis"
7 Species of Test Machine and Type	5kN Tensile, Compression Test Machine (KTM)

This is to certify that Intensity Test Outcome is as attached Certificate Analysis.

April 30, 2009

Scaffolding and Construction Equipment Association of Japan
Chairman Yoshimi SUZUKI
5-26-20, Shiba, Minato-ku, Tokyo, Japan

Certificate Analysis

Test No. : 0904-04701-3802

- 1 Item and Quantity Mesh sheet H-1034 4 sheets
- 2 Test Method According to Chapter 11 Mesh Sheet on
Accreditation Criterion established by Scaffolding
and Construction Equipment Association of Japan
- 3 Structure As the following structural drawing, it is fulfilled
the above criterion.
- 4 Test Outcome

(1)Tensile Test of Mesh fabric

Specimen No.	1	2	3	4	5	6
Direction of Mesh fabric	longitudinal	longitudinal	longitudinal	transverse	transverse	transverse
Strength kN	2.41	2.43	2.31	2.36	2.38	2.29
Product of Intensity(kN) and Stretch(mm) (PTS)	118.0	118.2	114.6	126.1	126.7	120.7
Accreditation Criterion	Strength : 1.47kN or more PTS : 68.6kN·mm or more					

(2)Tensile Test of Applied part such as Grommet

Specimen No.	1	2	3	4	5	6
Direction of Mesh fabric	longitudinal	longitudinal	longitudinal	transverse	transverse	transverse
Abberance such as tearing loose within and at load 0.49kN	None	None	None	None	None	None
Strength kN	1.49	1.75	1.77	1.53	1.80	1.68
Accreditation Criterion	0.98kN or more					

(3)Weight-Drop test

Specimen No.	1	2	3
Existence or Non-existance of Penetration	None	None	None

Ratio of density	0.9
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Structual Drawing

Refer to the Japanese Copy



BANGKOK HEDA OFFICE 62 THANIYA BLDG., 8TH FL., SILOM RD., SURİYAWONG, BANGRAK, BANGKOK 10500 TEL. 0-2236-7339, 7348 FAX 0-2236-6253

BRANCH OFFICE 327 MOO. 7, GATECITY INDUSTRIAL ESTATE T.HUA SAMRONG, PLAENGYAO, CHACHOENSAO 24190 TEL 0-3857-5670, FAX 0-3857-5671

SPECIFICATION

Canvas No. : J12-14/1.91 M.

<u>Description</u>	<u>Specification/Unit</u>
CONSTRUCTION:	1500/120 TPM x 1500/120 TPM 14 x 14
Weight	390 g/m ² ± 20 g/m ²
Width	1.91 Meter
Tensile Strength - Warp	198 kg / 3 cm ± 5%
Tensile Strength - Weft	198 kg / 3 cm ± 5%



Textile Testing Center/ Thailand Textile Institute

Soi Timit, Rama 4 Road, Phra Kanong, Klong-toey, Bangkok 10110,
THAILAND. Tel.(662) 7135492-9 Fax. (662) 7124527

TEST REPORT

REPORT NUMBER : G 02503/53
APPLICATION FORM No. : -
ISSUE DATE : 10/11/10
PAGE :

		G 02503-1/53	CLIENT'S REQUIREMENT
TENSILE STRENGTH: JIS L 1096: 1999 METHOD A			
TENSILE STRENGTH (NEWTON)			
- WARP DIRECTION		1,700.93	
- WEFT DIRECTION		1,726.17	
ELONGATION (%)			
- WARP DIRECTION		22.89	
- WEFT DIRECTION		23.94	

REMARK(S) :

- TEST APPARATUS : TENSILE TESTING MACHINE (INSTRON MODEL 5566)
- TYPE OF SPECIMEN : 30 x 300 mm. (CUT STRIP TEST)
- GAUGE LENGTH : 200 mm.
- RATE OF EXTENSION : 200 mm/min
- CONDITIONING : CONDITIONED TESTING AT 20±2°C, 65±2% RH

TEARING STRENGTH: JIS L 1096: 1999 METHOD A-1 (SINGLE TONGUE METHOD)		
TEARING STRENGTH (NEWTON)		
- WARP YARN		313.21 ⁽¹⁾
- WEFT YARN		364.22 ⁽²⁾

REMARK(S) :

- TEST APPARATUS : TENSILE TESTING MACHINE (INSTRON MODEL 5566)
- CONDITIONING : CONDITIONED TESTING AT 20±2°C, 65±2% RH
- ⁽¹⁾ TYPE OF SPECIMEN : 5 x 25 cm.
- ⁽²⁾ TYPE OF SPECIMEN : 10 x 25 cm.

PREPARED & CHECKED BY

AUTHORIZED BY

Warunee Wattananom
(MS. WARUNEE WATTANANOM)
(SCIENTIST)

Naraporn Rungsimuntakul
(DR. NARAPORN RUNGSIMUNTAKUL)
(TEXTILE EXPERT)

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