(07791) 79, Magokjungang 8-ro 3-gil, Gangseo-gu, Seoul, Korea
Tel : 82-2-3299-8056/8054 Fax : 82-2-3299-8153

TEST REPORT

APPLICANT : SHIN SUNG CO., LTD.

REPORT NO.	: H214-23-02417
SAMPLE RECEIVED DATE	: 2023-05-11
TEST STARTED DATE	: 2023-05-11
REPORT ISSUED DATE	: 2023-05-23
PAGE	: 1 OF 3

DESCRIPTION : ONE(1) PIECE OF SUBMITTED CUTTING SAID TO BE WEBBING.

==========

BUYER'S NAME : [redacted]
ITEM :

==========

TEST CONDUCTED : AS REQUESTED BY THE APPLICANT, FOR DETAILS PLEASE SEE ATTACHED PAGES.

==========

PREPARED AND CHECKED BY
FOR FITI

JAE GAB, KIM
QUALITY MANAGER

AUTHORIZED BY
FOR FITI

HWA-YOUNG KIM
PRESIDENT

※ **Report Verification No.:** [redacted]
(You can see the authenticity of your test report through the above "Report Verification No." at FITI homepage.)

e-DOCUMENT SERVICE

The test results contained in this report are limited to results on the sample(s) that is provided by client and are not necessarily indicative or representative of the qualities of the lot from which the sample(s) was taken or of all products. Results contained in this report are not based on the quality certification of sample by the FITI quality certification program unless specifically requested by the client. Further use of the results of this report is prohibited unless allowed under a separate agreement set forth in an official document that is established between the client identified on this letter and the FITI. Please be advised that the test results are not related to KS Q ISO 17025 and KOLAS when the test submittal is not designated for official KOLAS testing. Only the original report (including reissue) is valid. The test report received via e-mail(including its copy and the file) is an e-document for reference of test results and is NOT the official Document.

(07791) 79, Magokjungang 8-ro 3-gil, Gangseo-gu, Seoul, Korea
Tel : 82-2-3299-8056/8054 Fax : 82-2-3299-8153

01. COLORFASTNESS TO CROCKING (AATCC TM8-2016e(2022)e) : GRADE

	#1
DRY	4.5
WET	4.5

02. COLORFASTNESS TO LIGHT : XENON ARC (AATCC TM16.3-2020, OPTION 3, GRAY SCALE) : GRADE

	#1
20 AFU	4.5

NOTE) THE APPARATUS USED : ATLAS WEATHER OMETER
BLACK PANEL TEMPERATURE (63 ± 1) ℃
RADIANT ENERGY 20AFU : 85 kJ/(m^2nm)@ 420 nm

03. UPF(ULTRAVIOLET PROTECTION FACTOR) (AATCC TM 183-2020e)

	#1
UV-R BLOCKING (%)	ABOVE 99.9
UV-A BLOCKING (%)	ABOVE 99.9
UV-B BLOCKING (%)	ABOVE 99.9
UPF	50+
UV-A TRANSMITTANCE (%)	LESS THAN 0.1
UV-B TRANSMITTANCE (%)	LESS THAN 0.1

NOTE) MEASURING INSTRUMENT : UV-VIS-NIR Spectrophotometer
(PERKINELMER_LAMBDA 1050 WITH 150 MM INGAAS INT. SPHERE)
WAVELENGTH RANGE : UV-R : 280 nm ~ 400 nm
UV-A : 315 nm ~ 400 nm
UV-B : 280 nm ~ 315 nm
WAVELENGTH INTERVAL : 2 nm
THE TEST WERE CONDUCTED ON DRY SPECIMENS.
50+ : A UPF RATING OF 55 OR GREATER (AS 4399 : 2020)

04. TENSILE STRENGTH (ASTM D6775-13(2017), C.R.E.) : N/Full Width

	#1
	2 376

e-DOCUMENT SERVICE
The test results contained in this report are limited to results on the sample(s) that is provided by client and are not necessarily indicative or representative of the qualities of the lot from which the sample(s) was taken or of all products. Results contained in this report are not based on the quality certification of sample by the FITI quality certification program unless specifically requested by the client. Further use of the results of this report is prohibited unless allowed under a separate agreement set forth in an official document that is established between the client identified on this letter and the FITI. Please be advised that the test results are not related to KS Q ISO 17025 and KOLAS when the test submittal is not designated for official KOLAS testing. Only the original report (including reissue) is valid. The test report received via e-mail(including its copy and the file) is an e-document for reference of test results and is NOT the official Document.

(07791) 79, Magokjungang 8-ro 3-gil, Gangseo-gu, Seoul, Korea
Tel : 82-2-3299-8056/8054 Fax : 82-2-3299-8153

05. FLAMMABILITY (FMVSS 302 : 1991)

		#1
		ORIGINAL
LENGTH OF BURNT PORTION (mm)	1	0
	2	0
	3	0
BURNNING TIME (sec)	1	0
	2	0
	3	0
BURN RATE (mm/min)	1	SE
	2	SE
	3	SE
CONCLUSION		PASS

NOTE) REQUIREMENT : ≤ 102 mm/min
TEST CONDITION - ORIGINAL CONDITIONING : (21 ± 5)℃, (55 ± 5) % R.H. FOR 24 HOURS.
SPECIMENS WERE PLACED ON STEEL WIRE BY THE CLIENT'S REQUEST.
SPECIMEN WIDTH : 34 mm
SE = SELF EXTINGUISHING

** End of The Report **

- SAMPLE PHOTO -



e-DOCUMENT SERVICE
The test results contained in this report are limited to results on the sample(s) that is provided by client and are not necessarily indicative or representative of the qualities of the lot from which the sample(s) was taken or of all products. Results contained in this report are not based on the quality certification of sample by the FITI quality certification program unless specifically requested by the client. Further use of the results of this report is prohibited unless allowed under a separate agreement set forth in an official document that is established between the client identified on this letter and the FITI. Please be advised that the test results are not related to KS Q ISO 17025 and KOLAS when the test submittal is not designated for official KOLAS testing. Only the original report (including reissue) is valid. The test report received via e-mail(including its copy and the file) is an e-document for reference of test results and is NOT the official Document.