



Hardline Laboratory

TEST REPORT

Report No. : HLB0447A/2021

Page : 1 of 3

Date : DEC. 01, 2021

The following merchandise was submitted and identified by the applicant as:

Product Description: S-150 Twist-to-Break Nylon Cable Tie

Style/Item No.: S-150

Manufacturer/Vendor: [REDACTED] CHEMICAL CORPORATION

Country of Origin: Taiwan

We have tested the submitted sample as requested and the following results were obtained:

Test Requested: Refer to ANSI/UL 62275:2010 Clause 6.2 loop tensile strength for cable ties

Test Method & Result: ---See following sheet(s)---

Date of Receipt: Nov. 22, 2021

Testing Period: Nov. 22, 2021 ~ Nov. 30, 2021

Signed for and on behalf of
SGS Taiwan Ltd.

S Sturm Su
Asst. Manager



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SGS Taiwan Ltd. 台灣檢驗科技股份有限公司

新北市五股區(新北產業園區)五工路 127 號

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No.127, WuKung Road, (New Taipei Industrial Park) Wuku District, New Taipei City, Taiwan

TEST REPORT

Report No. : HLB0447A/2021

Page : 2 of 3

Test Method:

- Secure the sample on the testing machine. (See photo B)
- Apply an increasing upward force to the sample until it is damaged.
- Record the max. force and any findings.
- Testing Machine: INSTRON 5581, Rate: 25 mm/min.
- Diameter: Ø 20 mm
- Environment temperature: $(23 \pm 5)^{\circ}\text{C}$; Humidity: $(50 \pm 10)\%\text{R.H.}$

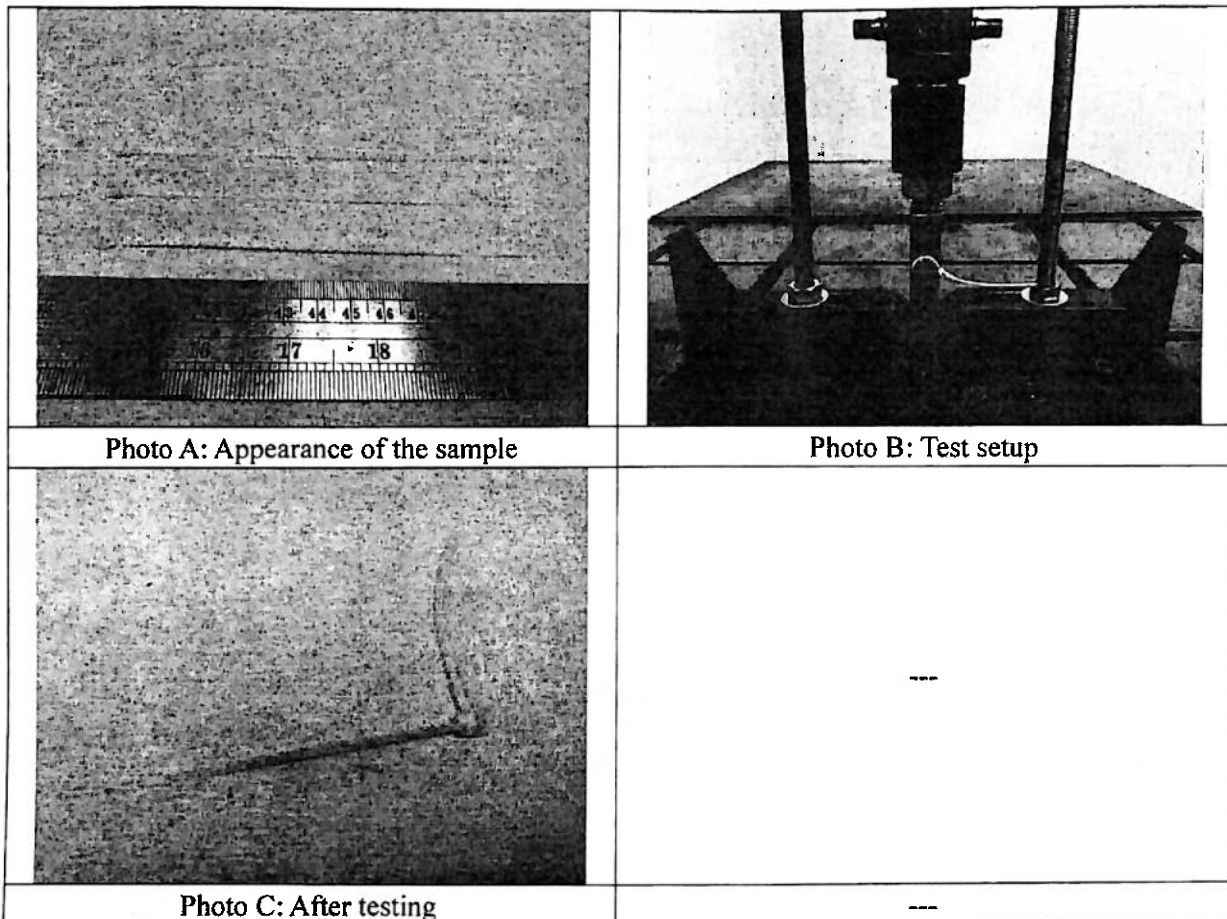
Test Result:

Sample	Max. force	Client declare Requirement force	Remark
S-150 Twist-to-Break Nylon Cable Tie	10.98 kgf	8 kgf	The sample was damaged after testing. (See photo C)

Note: The content of this report is invalid if it is not presented as the entire report.

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— Picture(s) —



---End of Report---

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TEST REPORT

Report No. : HLB0442A/2021

Page : 1 of 3

Date : DEC. 01, 2021

No. 3, 1st. 95, Ln. 187, Xinyuan, New Taipei City, Taiwan 41263

The following merchandise was submitted and identified by the applicant as:

Product Description: S-102 Twist-to-Break Nylon Cable Tie
Style/Item No.: S-102
Manufacturer/Vendor: [REDACTED] RO-CHEMICAL CORPORATION
Country of Origin: Taiwan

We have tested the submitted sample as requested and the following results were obtained:

Test Requested: Refer to ANSI/UL 62275:2010 Clause 6.2 loop tensile strength for cable ties

Test Method & Result: ---See following sheet(s)---

Date of Receipt: Nov. 22, 2021

Testing Period: Nov. 22, 2021 ~ Nov. 30, 2021

Signed for and on behalf of
 SGS Taiwan Ltd.

Sturm Su
 Asst. Manager



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Hardline Laboratory

TEST REPORT

Report No. : HLB0442A/2021

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Test Method:

- (a). Secure the sample on the testing machine. (See photo B)
- (b). Apply an increasing upward force to the sample until it is damaged.
- (c). Record the max. force and any findings.
- (d). Testing Machine: INSTRON 5581, Rate: 25 mm/min.
- (e). Diameter: Ø 9.5 mm
- (f). Environment temperature: $(23 \pm 5)^{\circ}\text{C}$; Humidity: $(50 \pm 10)\%\text{R.H.}$

Test Result:

Sample	Max. force	Client declare Requirement force	Remark
S-102 Twist-to-Break Nylon Cable Tie	11.83 kgf	8 kgf	The sample was damaged after testing. (See photo C)

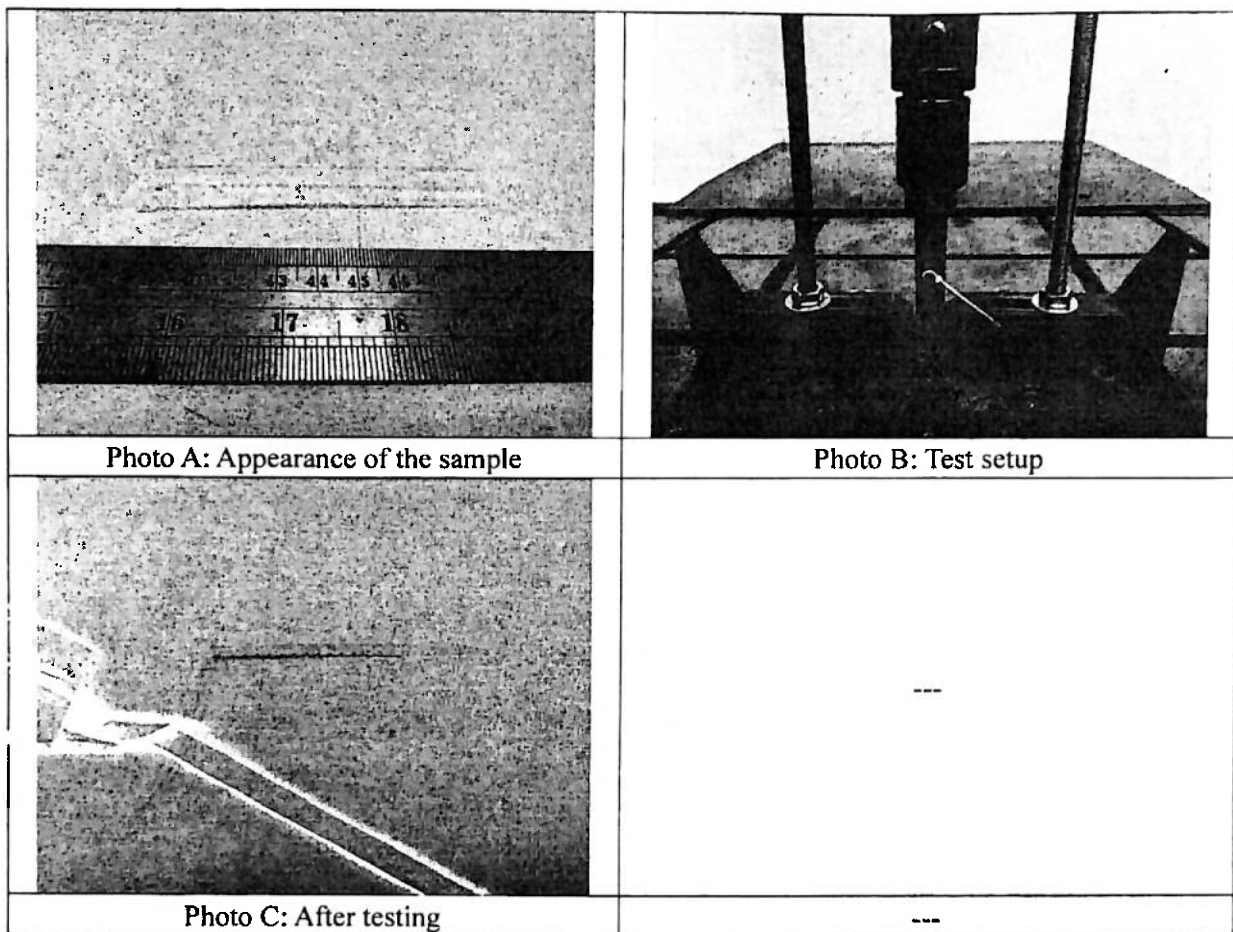
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– Picture(s) –



---End of Report---

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Hardline Laboratory

TEST REPORT

Report No. : HLB0315A/2021

Page : 1 of 3

Date : NOV. 30, 2021

The following merchandise was submitted and identified by the applicant as:

Product Description: S-150 Twist-to-Break Nylon Cable Tie

Style/Item No.: S-150

Manufacturer/Vendor: [REDACTED] CHEMICAL CORPORATION

Country of Origin: Taiwan

We have tested the submitted sample as requested and the following results were obtained:

Test Requested: Refer to IEC 62275:2019 Clause 6.2.1 loop tensile strength for cable ties

Test Method & Result: ---See following sheet(s)---

Date of Receipt: Nov. 22, 2021

Testing Period: Nov. 22, 2021 ~ Nov. 30, 2021

Signed for and on behalf of
SGS Taiwan Ltd.

Sturm Su
Asst. Manager



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Hardline Laboratory

TEST REPORT

Report No. : HLB0315A/2021

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Test Method:

- (a). Secure the sample on the testing machine. (See photo B)
- (b). Apply an increasing upward force to the sample until it is damaged.
- (c). Record the max. force and any findings.
- (d). Testing Machine: INSTRON 5581, Rate: 25 mm/min.
- (e). Diameter: \varnothing 20 mm
- (f). Environment temperature: $(23 \pm 5)^{\circ}\text{C}$; Humidity: $(50 \pm 10)\%\text{R.H.}$

Test Result:

Sample	Max. force	Client Declare Requirement Force	Remark
S-150 Twist-to-Break Nylon Cable Tie	12.36 kgf	8 kgf	The sample was damaged after testing. (See photo C)

Note: The content of this report is invalid if it is not presented as the entire report.

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-- Picture(s) --

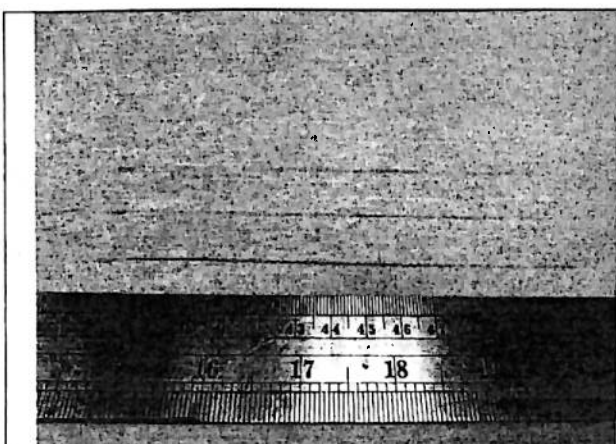


Photo A: Appearance of the sample

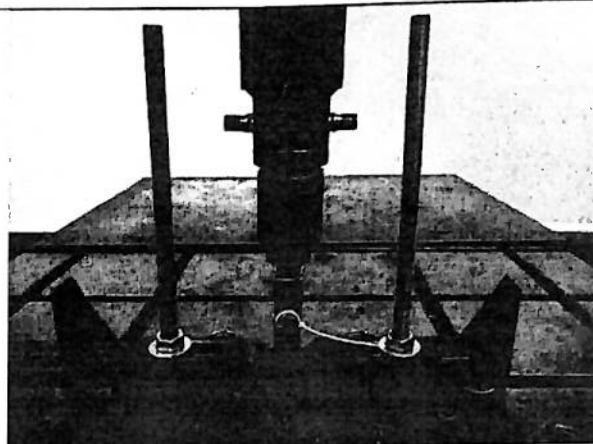


Photo B: Test setup



Photo C: After testing

---End of Report---



Hardline Laboratory

TEST REPORT

Report No. : HLB0311A/2021

Page : 1 of 3

Date : NOV. 30, 2021

The following merchandise was submitted and identified by the applicant as:

Product Description: M-300 Twist-to-Break Nylon Cable Tie

Style/Item No.: M-300

Manufacturer/Vendor: [REDACTED] CHEMICAL CORPORATION

Country of Origin: Taiwan

We have tested the submitted sample as requested and the following results were obtained:

Test Requested: Refer to IEC 62275:2019 Clause 6.2.1 loop tensile strength for cable ties

Test Method & Result: ---See following sheet(s)---

Date of Receipt: Nov. 22, 2021

Testing Period: Nov. 22, 2021 ~ Nov. 30, 2021

Signed for and on behalf of
SGS Taiwan Ltd.

Sturm Su
Asst. Manager



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Hardline Laboratory

TEST REPORT

Report No. : HLB0311A/2021

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Test Method:

- (a). Secure the sample on the testing machine. (See photo B)
- (b). Apply an increasing upward force to the sample until it is damaged.
- (c). Record the max. force and any findings.
- (d). Testing Machine: INSTRON 5581, Rate: 25 mm/min.
- (e). Diameter: \varnothing 38 mm
- (f). Environment temperature: $(23 \pm 5)^{\circ}\text{C}$; Humidity: $(50 \pm 10)\%\text{R.H}$

Test Result:

Sample	Max. force	Client Declare Requirement Force	Remark
M-300 Twist-to-Break Nylon Cable Tie	28.44 kgf	22 kgf	The sample was damaged after testing. (See photo C)

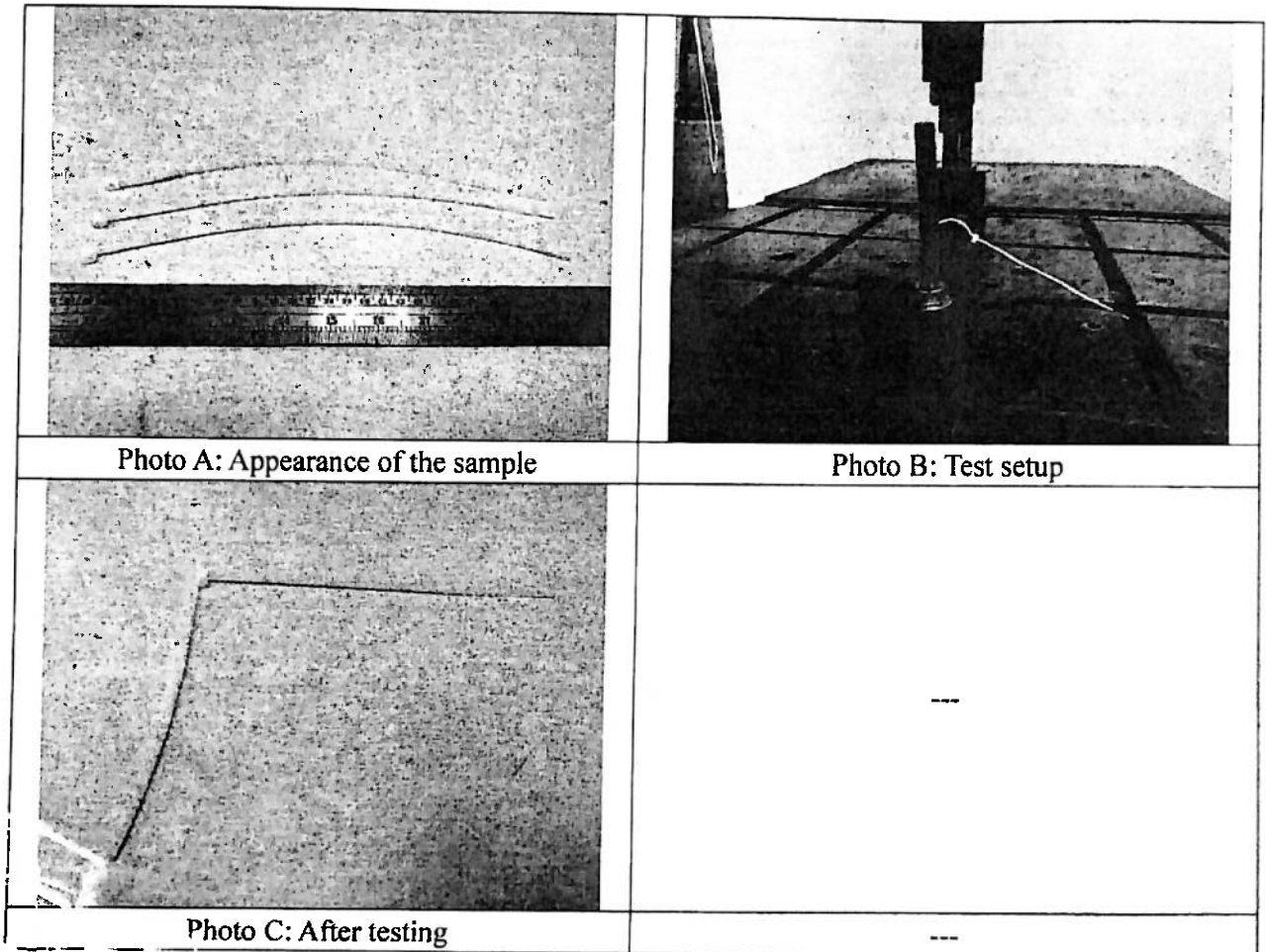
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– Picture(s) –



---End of Report---



Hardline Laboratory

TEST REPORT

Report No. : HLB0443A/2021

Page : 1 of 3

Date : DEC. 01, 2021

The following merchandise was submitted and identified by the applicant as:

Product Description: M-300 Twist-to-Break Nylon Cable Tie

Style/Item No.: M-300

Manufacturer/Vendor: [REDACTED] CHEMICAL CORPORATION

Country of Origin: Taiwan

We have tested the submitted sample as requested and the following results were obtained:

Test Requested: Refer to ANSI/UL 62275:2010 Clause 6.2 loop tensile strength for cable ties

Test Method & Result: ---See following sheet(s)---

Date of Receipt: Nov. 22, 2021

Testing Period: Nov. 22, 2021 ~ Nov. 30, 2021

Signed for and on behalf of
SGS Taiwan Ltd.

Shum Su
Asst. Manager



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TEST REPORT

Report No. : HLB0443A/2021

Page : 2 of 3

Test Method:

- Secure the sample on the testing machine. (See photo B)
- Apply an increasing upward force to the sample until it is damaged.
- Record the max. force and any findings.
- Testing Machine: INSTRON 5581, Rate: 25 mm/min.
- Diameter: \varnothing 38 mm
- Environment temperature: $(23 \pm 5)^{\circ}\text{C}$; Humidity: $(50 \pm 10)\%\text{R.H.}$

Test Result:

Sample	Max. force	Client declare Requirement force	Remark
M-300 Twist-to-Break Nylon Cable Tie	28.01 kgf	22 kgf	The sample was damaged after testing. (See photo C)

Note: The content of this report is invalid if it is not presented as the entire report.

TEST REPORT

Report No. : HLB0443A/2021

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– Picture(s) –

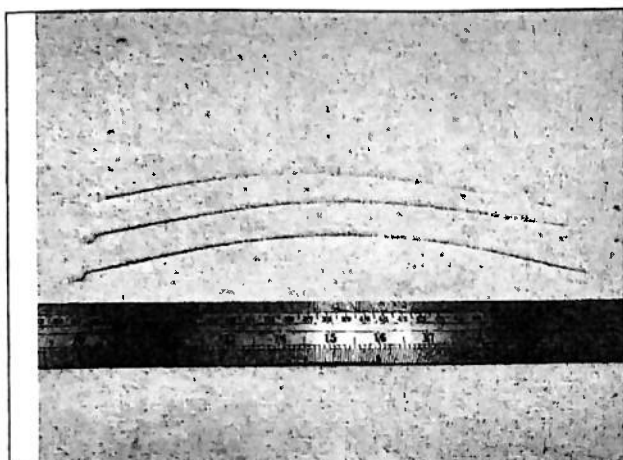


Photo A: Appearance of the sample

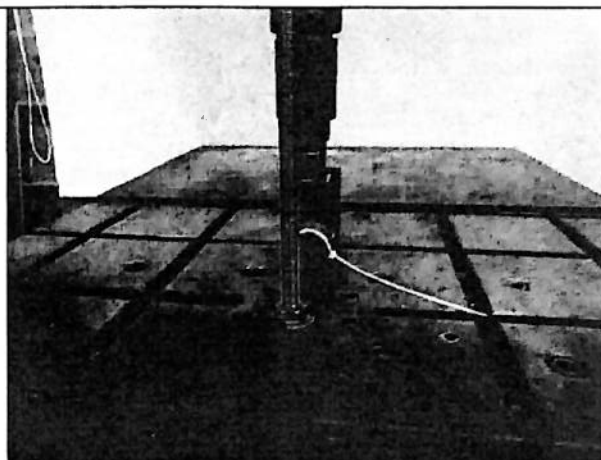


Photo B: Test setup

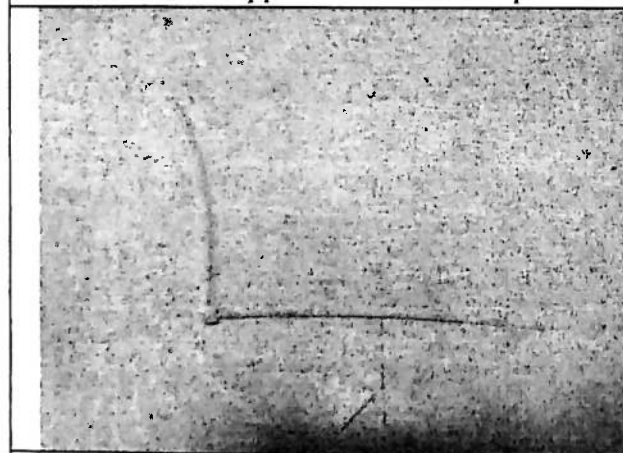
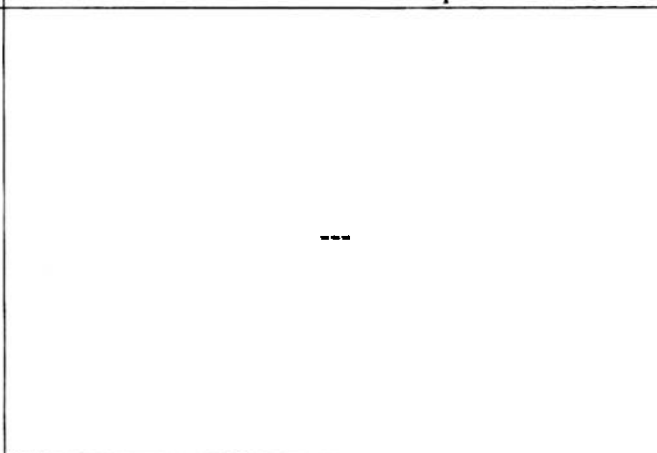


Photo C: After testing



---End of Report---



Hardline Laboratory

TEST REPORT

Report No. : HLB0444A/2021

Page : 1 of 3

Date : DEC. 01, 2021

The following merchandise was submitted and identified by the applicant as:

Product Description: L-504 Twist-to-Break Nylon Cable Tie

Style/Item No.: L-504

Manufacturer/Vendor: [REDACTED] CHEMICAL CORPORATION

Country of Origin: Taiwan

We have tested the submitted sample as requested and the following results were obtained:

Test Requested: Refer to ANSI/UL 62275:2010 Clause 6.2 loop tensile strength for cable ties

Test Method & Result: ---See following sheet(s)---

Date of Receipt: Nov. 22, 2021

Testing Period: Nov. 22, 2021 ~ Nov. 30, 2021

Signed for and on behalf of
SGS Taiwan Ltd.

[Handwritten signature]



TEST REPORT

Report No. : HLB0444A/2021

Page : 2 of 3

Test Method:

- (a). Secure the sample on the testing machine. (See photo B)
- (b). Apply an increasing upward force to the sample until it is damaged.
- (c). Record the max. force and any findings.
- (d). Testing Machine: INSTRON 5581, Rate: 25 mm/min.
- (e). Diameter: Ø 38 mm
- (f). Environment temperature: $(23 \pm 5)^{\circ}\text{C}$; Humidity: $(50 \pm 10)\%\text{R.H.}$

Test Result:

Sample	Max. force	Client declare Requirement force	Remark
L-504 Twist-to-Break Nylon Cable Tie	73.12 kgf	54 kgf	The sample was damaged after testing. (See photo C)

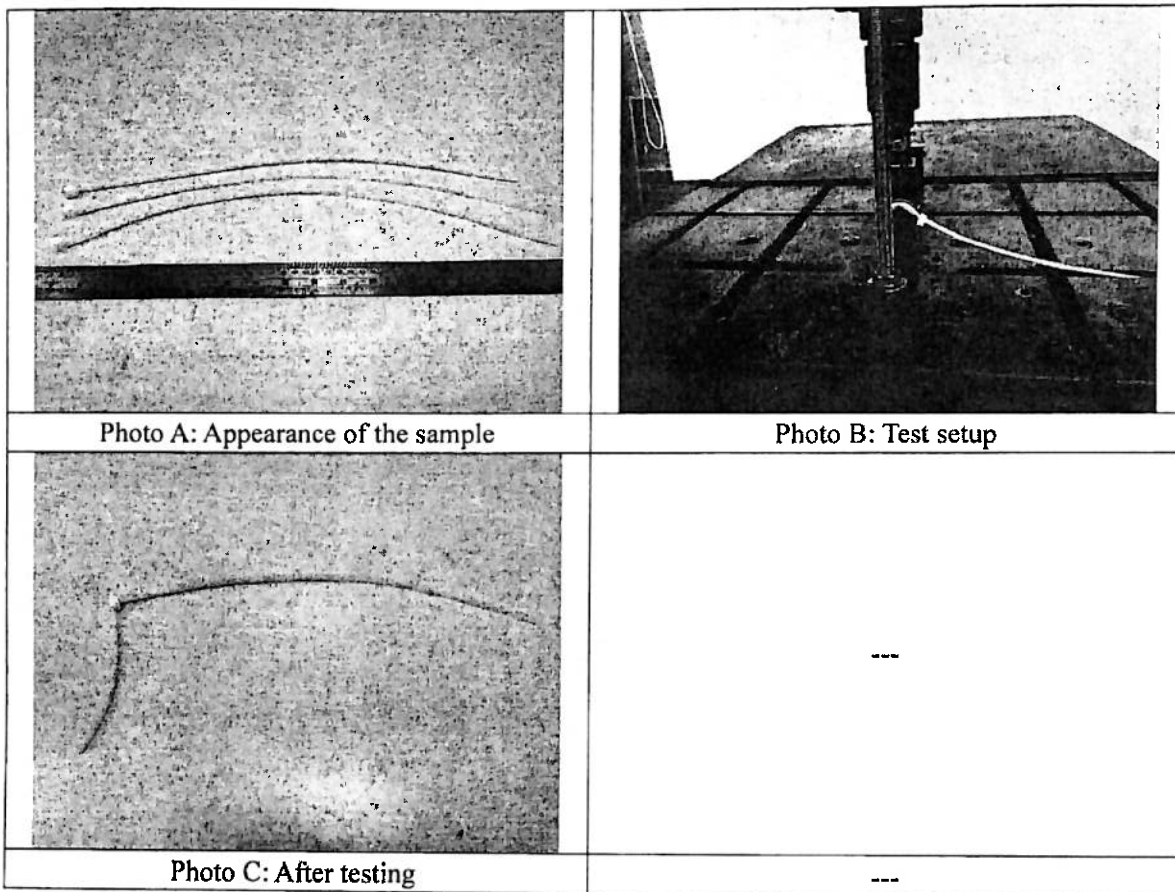
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TEST REPORT

Report No. : HLB0444A/2021

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— Picture(s) —



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Hardline Laboratory

TEST REPORT

Report No. : HLB0314A/2021

Page : 1 of 3

Date : NOV. 30, 2021



The following merchandise was submitted and identified by the applicant as:

Product Description: M-200 Twist-to-Break Nylon Cable Tie

Style/Item No.: M-200

Manufacturer/Vendor: [REDACTED] CHEMICAL CORPORATION

Country of Origin: Taiwan

We have tested the submitted sample as requested and the following results were obtained:

Test Requested: Refer to IEC 62275:2019 Clause 6.2.1 loop tensile strength for cable ties

Test Method & Result: ---See following sheet(s)---

Date of Receipt: Nov. 22, 2021

Testing Period: Nov. 22, 2021 ~ Nov. 30, 2021

Signed for and on behalf of
SGS Taiwan Ltd.

Sturm Su
Asst. Manager





Hardline Laboratory

TEST REPORT

Report No. : HLB0314A/2021

Page : 2 of 3

Test Method:

- (a). Secure the sample on the testing machine. (See photo B)
- (b). Apply an increasing upward force to the sample until it is damaged.
- (c). Record the max. force and any findings.
- (d). Testing Machine: INSTRON 5581, Rate: 25 mm/min.
- (e). Diameter: \varnothing 20 mm
- (f). Environment temperature: $(23 \pm 5)^{\circ}\text{C}$; Humidity: $(50 \pm 10)\%\text{R.H.}$

Test Result:

Sample	Max. force	Client Declare Requirement Force	Remark
M-200 Twist-to-Break Nylon Cable Tie	23.80 kgf	22 kgf	The sample was damaged after testing. (See photo C)

Note: The content of this report is invalid if it is not presented as the entire report.

TEST REPORT

Report No. : HLB0314A/2021

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— Picture(s) —

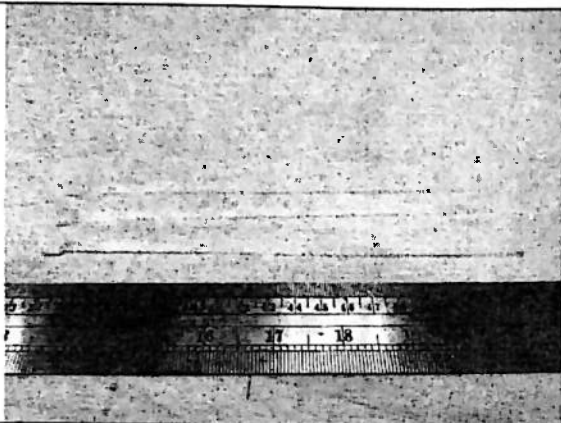


Photo A: Appearance of the sample

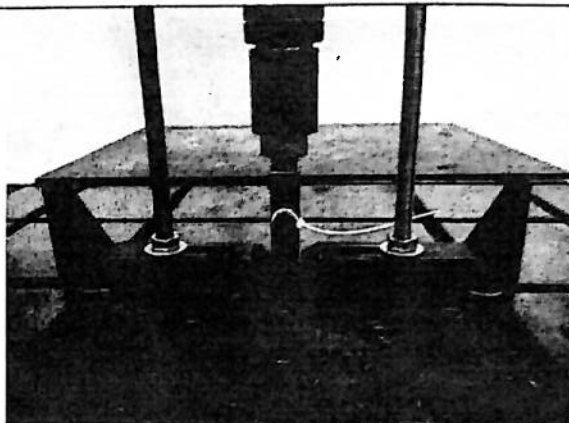


Photo B: Test setup

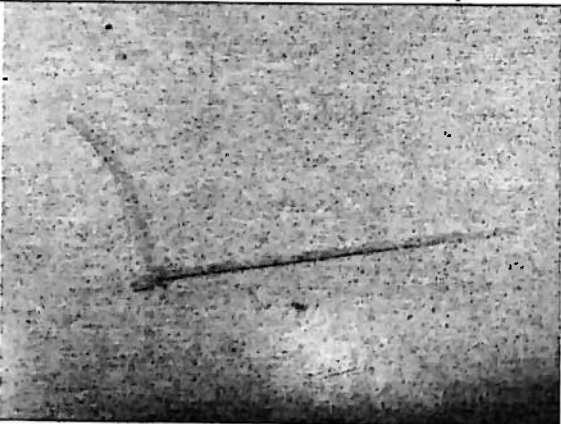
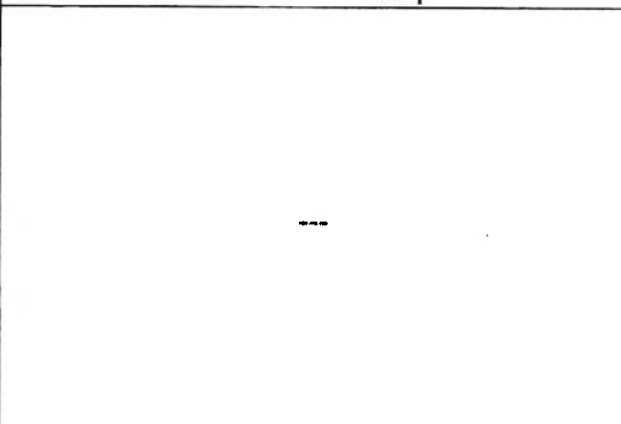


Photo C: After testing



---End of Report---



Hardline Laboratory

TEST REPORT

Report No. : HLB0312A/2021

Page : 1 of 3

Date : NOV. 30, 2021

The following merchandise was submitted and identified by the applicant as:

Product Description: L-504 Twist-to-Break Nylon Cable Tie
Style/Item No.: L-504
Manufacturer/Vendor: [REDACTED] CHEMICAL CORPORATION
Country of Origin: Taiwan

We have tested the submitted sample as requested and the following results were obtained:

Test Requested: Refer to IEC 62275:2019 Clause 6.2.1 loop tensile strength for cable ties

Test Method & Result: ---See following sheet(s)---

Date of Receipt: Nov. 22, 2021

Testing Period: Nov. 22, 2021 ~ Nov. 30, 2021

Signed for and on behalf of
SGS Taiwan Ltd.

Sturn Su
Asst. Manager





Hardline Laboratory

TEST REPORT

Report No. : HLB0312A/2021

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Test Method:

- (a). Secure the sample on the testing machine. (See photo B)
- (b). Apply an increasing upward force to the sample until it is damaged.
- (c). Record the max. force and any findings.
- (d). Testing Machine: INSTRON 5581, Rate: 25 mm/min.
- (e). Diameter: \varnothing 38 mm
- (f). Environment temperature: $(23 \pm 5)^{\circ}\text{C}$; Humidity: $(50 \pm 10)\%\text{R.H}$

Test Result:

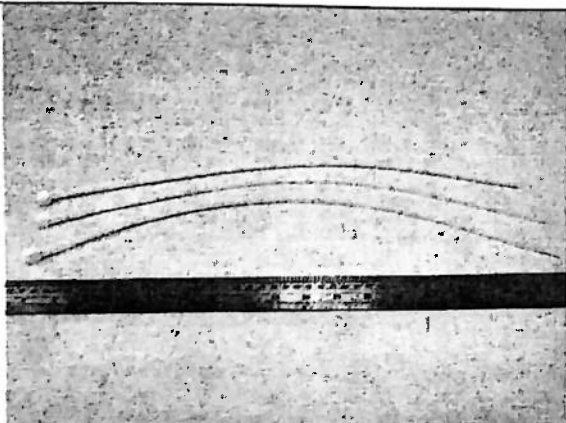
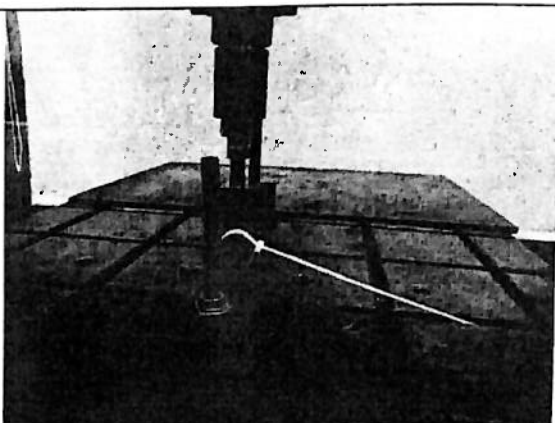
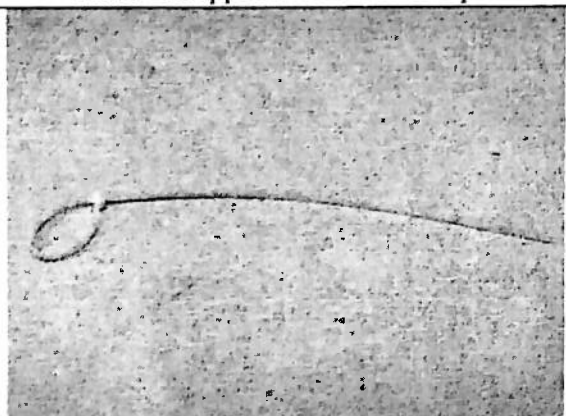
Sample	Max. force	Client Declare Requirement Force	Remark
L-504 Twist-to-Break Nylon Cable Tie	74.82 kgf	54 kgf	The sample was damaged after testing. (See photo C)

Note: The content of this report is invalid if it is not presented as the entire report.

TEST REPORT

Report No. : HLB0312A/2021
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– Picture(s) –

	
<p>Photo A: Appearance of the sample</p>	<p>Photo B: Test setup</p>
	<p>---</p>
<p>Photo C: After testing</p>	<p>---</p>

---End of Report---

TEST REPORT

Report No. : HLB0445A/2021
Page : 1 of 3
Date : DEC. 01, 2021

The following merchandise was submitted and identified by the applicant as:

Product Description: L-360 Twist-to-Break Nylon Cable Tie
Style/Item No.: L-360
Manufacturer/Vendor: [REDACTED] CHEMICAL CORPORATION
Country of Origin: Taiwan

We have tested the submitted sample as requested and the following results were obtained:

Test Requested: Refer to ANSI/UL 62275:2010 Clause 6.2 loop tensile strength for cable ties

Test Method & Result: ---See following sheet(s)---

Date of Receipt: Nov. 22, 2021

Testing Period: Nov. 22, 2021 ~ Nov. 30, 2021

Signed for and on behalf of
SGS Taiwan Ltd.


Sturm Su
Asst. Manager





Hardline Laboratory

TEST REPORT

Report No. : HLB0445A/2021

Page : 2 of 3

Test Method:

- (a). Secure the sample on the testing machine. (See photo B)
- (b). Apply an increasing upward force to the sample until it is damaged.
- (c). Record the max. force and any findings.
- (d). Testing Machine: INSTRON 5581, Rate: 25 mm/min.
- (e). Diameter: Ø 38 mm
- (f). Environment temperature: $(23 \pm 5)^{\circ}\text{C}$; Humidity: $(50 \pm 10)\%\text{R.H.}$

Test Result:

Sample	Max. force	Client declare Requirement force	Remark
L-360 Twist-to-Break Nylon Cable Tie	72.58 kgf	54 kgf	The sample was damaged after testing. (See photo C)

Note: The content of this report is invalid if it is not presented as the entire report.

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SGS Taiwan Ltd. 台灣檢驗科技股份有限公司

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No.127, WuKung Road, (New Taipei Industrial Park) Wuku District, New Taipei City, Taiwan

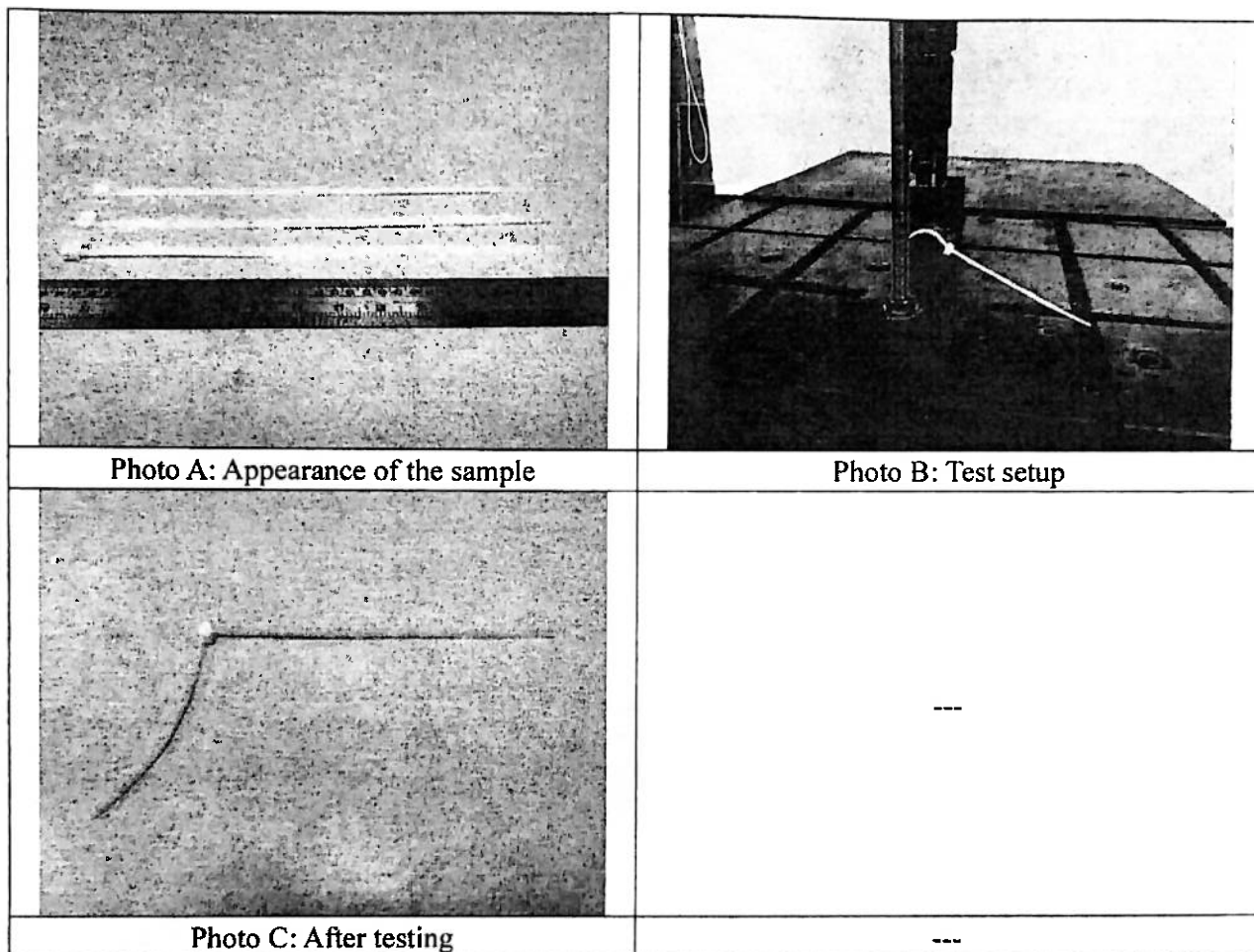
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TEST REPORT

Report No. : HLB0445A/2021

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-- Picture(s) --



---End of Report---



Hardline Laboratory

TEST REPORT

Report No. : HLB0446A/2021

Page : 1 of 3

Date : DEC. 01, 2021

The following merchandise was submitted and identified by the applicant as:

Product Description: M-200 Twist-to-Break Nylon Cable Tie

Style/Item No.: M-200

Manufacturer/Vendor: [REDACTED] CHEMICAL CORPORATION

Country of Origin: Taiwan

We have tested the submitted sample as requested and the following results were obtained:

Test Requested: Refer to ANSI/UL 62275:2010 Clause 6.2 loop tensile strength for cable ties

Test Method & Result: ---See following sheet(s)---

Date of Receipt: Nov. 22, 2021

Testing Period: Nov. 22, 2021 ~ Nov. 30, 2021

Signed for and on behalf of
SGS Taiwan Ltd.


Sturm Su
Asst. Manager



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TEST REPORT

Report No. : HLB0446A/2021

Page : 2 of 3

Test Method:

- Secure the sample on the testing machine. (See photo B)
- Apply an increasing upward force to the sample until it is damaged.
- Record the max. force and any findings.
- Testing Machine: INSTRON 5581, Rate: 25 mm/min.
- Diameter: Ø 20 mm
- Environment temperature: $(23 \pm 5)^{\circ}\text{C}$; Humidity: $(50 \pm 10)\%\text{R.H.}$

Test Result:

Sample	Max. force	Client declare Requirement force	Remark
M-200 Twist-to-Break Nylon Cable Tie	23.61 kgf	22 kgf	The sample was damaged after testing. (See photo C)

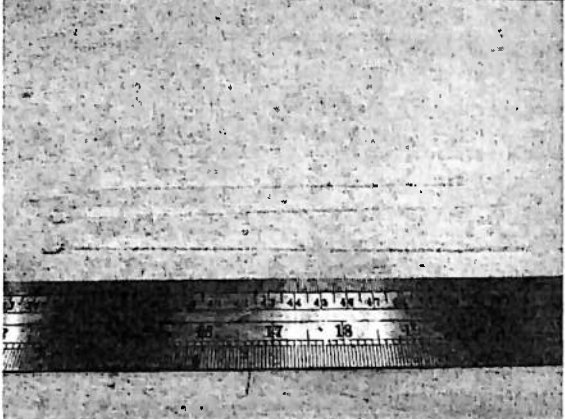
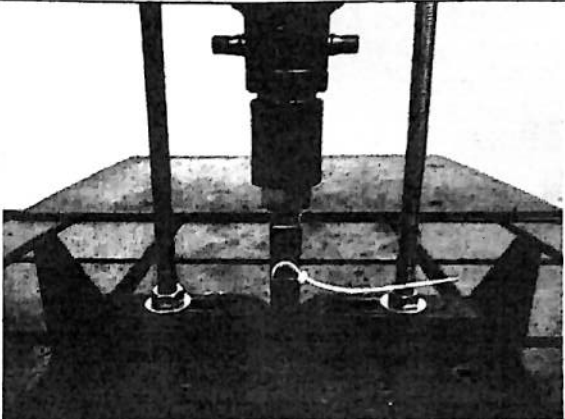
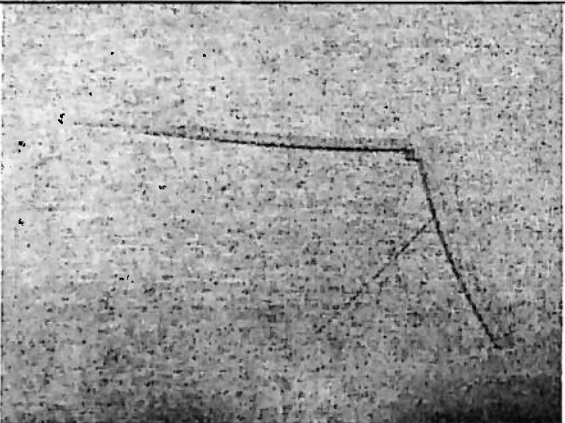
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TEST REPORT

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– Picture(s) –

	
Photo A: Appearance of the sample	Photo B: Test setup
	
Photo C: After testing	

---End of Report---

TEST REPORT

Report No. : HLB0310A/2021
Page : 1 of 3
Date : NOV. 30, 2021

[REDACTED]

The following merchandise was submitted and identified by the applicant as:

Product Description: S-102 Twist-to-Break Nylon Cable Tie
Style/Item No.: S-102
Manufacturer/Vendor: [REDACTED] CHEMICAL CORPORATION
Country of Origin: Taiwan

We have tested the submitted sample as requested and the following results were obtained:

Test Requested: Refer to IEC 62275:2019 Clause 6.2.1 loop tensile strength for cable ties

Test Method & Result: ---See following sheet(s)---

Date of Receipt: Nov. 22, 2021

Testing Period: Nov. 22, 2021 ~ Nov. 30, 2021

Signed for and on behalf of
SGS Taiwan Ltd.

Sturm Su
Asst. Manager



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Hardline Laboratory

TEST REPORT

Report No. : HLB0310A/2021

Page : 2 of 3

Test Method:

- (a). Secure the sample on the testing machine. (See photo B)
- (b). Apply an increasing upward force to the sample until it is damaged.
- (c). Record the max. force and any findings.
- (d). Testing Machine: INSTRON 5581, Rate: 25 mm/min.
- (e). Diameter: \varnothing 9.5 mm
- (f). Environment temperature: $(23 \pm 5)^{\circ}\text{C}$; Humidity: $(50 \pm 10)\%\text{R.H.}$

Test Result:

Sample	Max. force	Client Declare Requirement Force	Remark
S-102 Twist-to-Break Nylon Cable Tie	10.69 kgf	8 kgf	The sample was damaged after testing. (See photo C)

Note: The content of this report is invalid if it is not presented as the entire report.



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TEST REPORT

Report No. : HLB0310A/2021

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– Picture(s) –

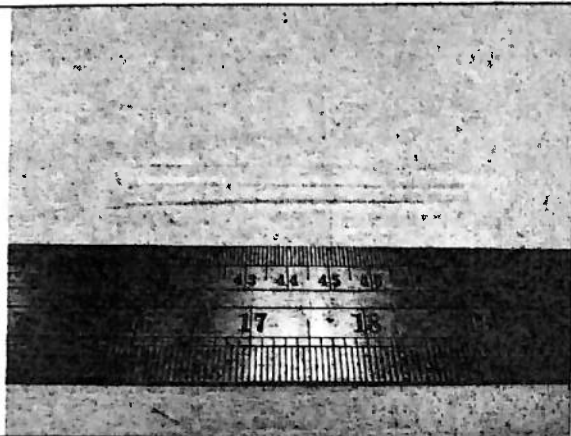


Photo A: Appearance of the sample

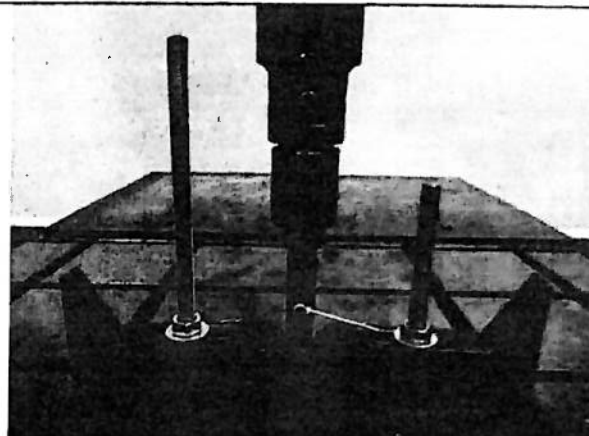


Photo B: Test setup

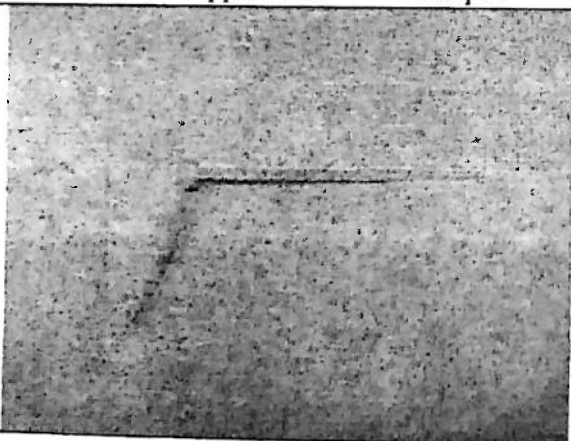


Photo C: After testing

---End of Report---



Hardline Laboratory

TEST REPORT

Report No. : HLB0313A/2021

Page : 1 of 3

Date : NOV. 30, 2021

The following merchandise was submitted and identified by the applicant as:

Product Description: L-360 Twist-to-Break Nylon Cable Tie

Style/Item No.: L-360

Manufacturer/Vendor: [REDACTED] CHEMICAL CORPORATION

Country of Origin: Taiwan

We have tested the submitted sample as requested and the following results were obtained:

Test Requested: Refer to IEC 62275:2019 Clause 6.2.1 loop tensile strength for cable ties

Test Method & Result: ---See following sheet(s)---

Date of Receipt: Nov. 22, 2021

Testing Period: Nov. 22, 2021 ~ Nov. 30, 2021

Signed for and on behalf of
SGS Taiwan Ltd.

Sturm Su
Asst. Manager



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TEST REPORT

Report No. : HLB0313A/2021

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Test Method:

- (a). Secure the sample on the testing machine. (See photo B)
- (b). Apply an increasing upward force to the sample. until it is damaged.
- (c). Record the max. force and any findings.
- (d). Testing Machine: INSTRON 5581, Rate: 25 mm/min.
- (e). Diameter: \varnothing 38 mm
- (f). Environment temperature: $(23 \pm 5)^{\circ}\text{C}$; Humidity: $(50 \pm 10)\%\text{R.H}$

Test Result:

Sample	Max. force	Client Declare Requirement Force	Remark
L-360 Twist-to-Break Nylon Cable Tie	77.75 kgf	54 kgf	The sample was damaged after testing. (See photo C)

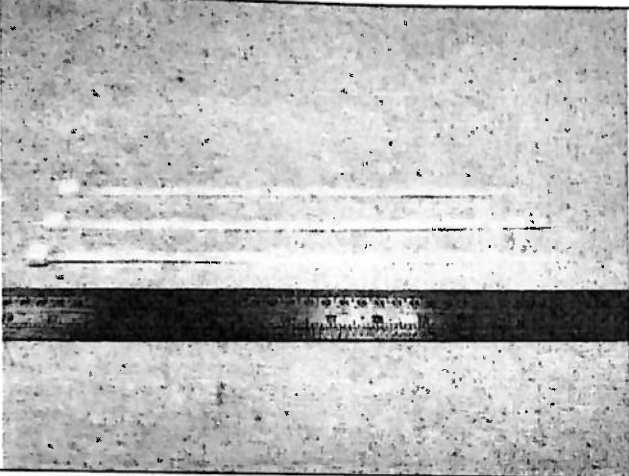
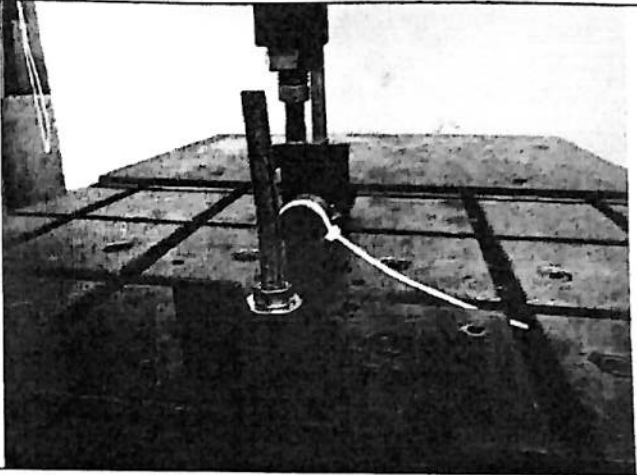
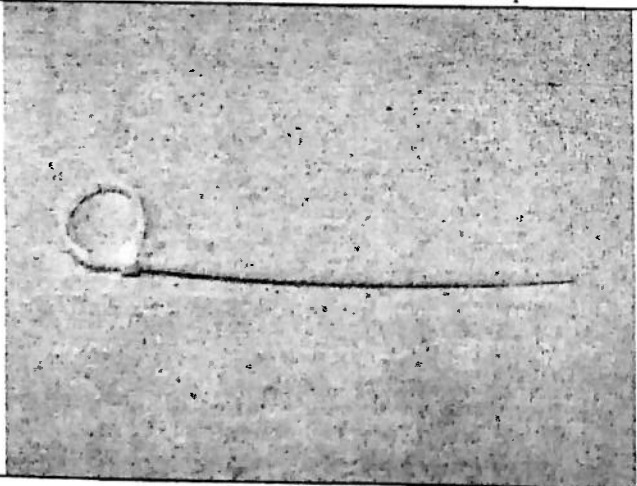
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TEST REPORT

Report No. : HLB0313A/2021

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– Picture(s) –

	
Photo A: Appearance of the sample	Photo B: Test setup
	---
Photo C: After testing	---

---End of Report---