



Test Report

No. SHSL1609299272TX

Date: Sep 28, 2016

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ZHEJIANG SAS ZIPPER CO.,LTD
NO.456 YANJINGGANG ROAD, XIUZHOU DISTRICT, JIAXING, ZHEJIANG, CHINA

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : (A)No.8 metal O/E zipper: (tape: polyester/ slider: zinc/ alloy: nylon/ teeth: polyester/ plastic teeth: POM/ metal teeth: brass) in black
(B)No.8 metal C/E zipper: (tape: polyester/ slider: zinc/ alloy: nylon/ teeth: polyester/ plastic teeth: POM/ metal teeth: brass) in black
(C)No.3 metal C/E zipper: (tape: polyester/ slider: zinc/ alloy: nylon/ teeth: polyester/ plastic teeth: POM/ metal teeth: brass) in black
(D)No.3 nylon C/E zipper: (tape: polyester/ slider: zinc/ alloy: nylon/ teeth: polyester/ plastic teeth: POM/ metal teeth: brass) in white
(E)No.3 nylon invisible zipper: (tape: polyester/ slider: zinc/ alloy: nylon/ teeth: polyester/ plastic teeth: POM/ metal teeth: brass) in white

Buyer : MANGO CREATIVE GROUP LTD-Self Testing

Collection : MANGO CREATIVE GROUP LTD.

Manufacturer : ZHEJIANG SAS ZIPPER CO.,LTD

Test Performed : Selected test(s) as requested by applicant

Sample Receiving Date : Sep 23, 2016

Testing Period : Sep 23, 2016 - Sep 28, 2016

Test Result(s) : For further details, please refer to the following page(s).

Test Performed : Selected test(s) as requested by applicant against Mango's performance standard

Test Result(s) : Please refer to the next pages.



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Conclusion
Zipper Strength

(A)	(B)	(C)	(D)	(E)
M	M	M	M	M

Remarks: M=Meet Client's Requirement F=Below Client's Requirement
*=No Specified Requirement

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co. Ltd

Tina Chu (Account Executive)



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Test Result

Requirement

Zipper Strength(BS 3084:2006)

(A)

Opening End

Test No. 1. Puller Attachment Test

606 N (Puller pull out) Min.200N

Test No. 3. Top- Stop Test

286 N (slider pull out) Min.90N

Test No. 5. Lateral Strength Test

968 N (Elements pull out) Min.250N

Test No. 6. Lateral Strength of Open-end Attachment Test

264 N (pin pull out) Min.90N

Test No. 7. Slider Locking Test

155 N (Elements pull out) Min.25N

Remarks: It is noted that a specific sampling plan is laid down per BS 3084:2006. The above result(s) is/are drawn on the average of 6 tested specimen, based on the request from the applicant.



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(B)

Closed EndTest No. 1. Puller Attachment Test625 N (Puller pull out) Min.200NTest No. 2. Closed-end Test168 N (Elements pull out) Min.90NTest No. 3. Top- Stop Test290 N (slider pull out) Min.250NTest No. 5. Lateral Strength Test920 N (Elements pull off) Min.90NTest No. 7. Slider Locking Test121 N (Elements pull out) Min.25N

Remarks: It is noted that a specific sampling plan is laid down per BS 3084:2006. The above result(s) is/are drawn on the average of 8 tested specimen, based on the request from the applicant.



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(C)

Closed End

Test No. 1. Puller Attachment Test

394 N (Puller pull out) Min.80

Test No. 2. Closed-end Test

78 N (Elements pull out) Min.60

Test No. 3. Top- Stop Test

98 N (slider pull out) Min.70

Test No. 5. Lateral Strength Test

734 N (Elements pull off) Min.200

Test No. 7. Slider Locking Test

69 N (slider pull out) Min.15

Remarks: It is noted that a specific sampling plan is laid down per BS 3084:2006. The above result(s) is/are drawn on the average of 8 tested specimen, based on the request from the applicant.



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(D)

Closed End

Test No. 1. Puller Attachment Test

412 N (Puller pull out) Min.80

Test No. 2. Closed-end Test

100 N (slider pull out) Min.60

Test No. 3. Top- Stop Test

172 N (slider pull out) Min.70

Test No. 5. Lateral Strength Test

570 N (fabric rupture) Min.200

Test No. 7. Slider Locking Test

54 N (lock slippage) Min.15

Remarks: It is noted that a specific sampling plan is laid down per BS 3084:2006. The above result(s) is/are drawn on the average of 8 tested specimen, based on the request from the applicant.



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(E)

Closed End

Test No. 1. Puller Attachment Test

100 N (Puller pull out) Min.80

Test No. 2. Closed-end Test

60 N (slider pull out) Min.60

Test No. 3. Top- Stop Test

65 N (slider pull out) Min.70

Test No. 5. Lateral Strength Test

554 N (fabric rupture) Min.200

Test No. 7. Slider Locking Test

156 N (lock slippage) Min.15

Remarks: It is noted that a specific sampling plan is laid down per BS 3084:2006. The above result(s) is/are drawn on the average of 8 tested specimen, based on the request from the applicant.

Sample Photo



*** End of Report ***



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