



**Test Report**

No. SHSL1608199054TX

Date: 2016-9-6

Page 1 of 2

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

Client Information	Consignor:	ZHEJIANG SAS ZIPPER CO., LTD.		
	Consignor address:	XING IN XIUZHOU DISTRICT OF JIAXING CITY, ZHEJIANG PROVINCE PORT ROAD 456		
Sample information	Sample Description:	8# open plastic zipper: in black.		
	Order No:	3557-8390		
	Sample Quantity:	One package		
Test Information	Test Type	Submitted (sample sent by client)		
	Sample Receiving Date:	2016-08-28	Test Period:	2016-08-28~2016-09-06
	Test Performed:	QB/T 2172-2014 Derlin Zipper		
Test Conclusion	The report only give the test result and Individual Judgment, detail please see follow page.			

Signed for and on behalf of  
SGS-CSTC Ltd.

Judy Chen (Account Executive)  
this test report refer only to the samples tested



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.  
Testing Center

3<sup>rd</sup> Building, No. 889, Yishan Road, Xuhui District Shanghai, China 200233 t (86-21) 61402666 f (86-21) 64958763 www.sgs.com.cn  
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t (86-21) 61402666 f (86-21) 64958763 e sgs.china@sgs.com

**Testing Results**

**QB/T 2172-2014 Test Item**

	Test Item & Test Method	Requirement	Test Results	Individual Judgment
1	Chain Crosswise Strength Test/N (QB/T 2172-2014,7.2.1)	≥500	711N Elements pull off	pass
2	Tab pull-off strength*/ N (QB/T 2172-2014, 7.2.2)	≤7.0	3.5	pass
3	Top Stop Holding Strength Test/N (QB/T 2172-2014, 7.2.3)	≥150	214N Slider pull off or rupture	pass
4	Open and end chain crosswise strength/ N (QB/T 2172-2014, 7.2.6)	≥140	306N separable pin pulls off	pass
5	Box slippage strength/ N (QB/T 2172-2014, 7.2.7)	≥140	319N retainer pulls off	pass
6	Strength of puller attachment/N (QB/T 2172-2014, 7.2.9)	≥280	644N Puller pull off or rupture	pass
7	Resistance to twist of pull and slider/ N·m (QB/T 2172-2014, 7.2.10)	≥0.70	1.48N·m	pass
8	Slider mouth deflection strength*/ N (QB/T 2172-2014, 7.2.11)	≥80	83	pass
9	Holding strength of slider lock/ N (QB/T 2172-2014, 7.2.12)	≥60	137N Elements pull off	pass
10	Durability of zipper/ cycles (QB/T 2172-2014, 7.2.13)	≥600	>600	pass
11	Single Element strength/ N (QB/T 2172-2014, 7.2.14)	≥90	92N Elements pull off	pass

Zipper Type: 8; Teeth width: 7.45mm.

Remarks: \*=the test was carried out by inner laboratory assessed as competent.

\*\*\*End of Report\*\*\*



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-Standard Technical Services (Shanghai) Co., Ltd.  
Testing Center

3<sup>rd</sup> Building, No. 889, Yishan Road, Xuhui District Shanghai, China 200233 t (86-21) 61402666 f (86-21) 64958763 www.sgs.com.cn  
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t (86-21) 61402666 f (86-21) 64958763 e sgs.china@sgs.com