

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 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 Testing Period Test Result(s)	 Sep 23, 2016 Sep 23, 2016 - Sep 28, 2016 For further details, please refer to the following page(s).

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

Test Result(s)

: Please refer to the next pages.



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Conclusion	(A)	(B)	(C)	(E)
Zipper Strength	M	M	M	M

Remarks: M=Meet Client's Requirem F=Below Client's Requiremen *=No Specificed Requirement

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

inadu

Tina Chu (Account Executive)



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Test Result

Requirement

				requirem
Zipper Stre	ngth(BS 3084:2006)			
<u>(A)</u>				
Opening End	<u>d</u>			
Test No. 1.	Puller Attachment Test			
		<u>606</u>	N (Puller pull out)	Min.200N
Test No. 3.	Top- Stop Test			
		<u>286</u>	N (slider pull out)	Min.90N
Test No. 5.	Lateral Strength Test			
		<u>968</u>	N (Elements pull out)	Min.250N
Test No. 6.	Lateral Strength of Open-end Attachment Tes	<u>st</u>		
		<u>264</u>	N (pin pull out)	<u>Min.90N</u>
-				
Test No. 7.	Slider Locking Test			
		<u>155</u>	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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<u>(B)</u>					
Closed End					
Test No. 1.	Puller Attachme	<u>nt Test</u>	<u>625</u>	N (Puller pull out)	<u>Min.200N</u>
Test No. 2.	Closed-end Tes	<u>st</u>	<u>168</u>	N (Elements pull out)	<u>Min.90N</u>
Test No. 3.	<u>Top- Stop Test</u>		<u>290</u>	N (slider pull out)	<u>Min.250N</u>
Test No. 5.	Lateral Strengtl	<u>n Test</u>	<u>920</u>	N (Elements pull off)	<u>Min.90N</u>
Test No. 7.	Slider Locking	<u>Fest</u>	<u>121</u>	N (Elements pull out)	<u>Min.25N</u>



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<u>(C)</u>				
Closed End				
Test No. 1.	Puller Attachment Test			
		<u>394</u>	N (Puller pull out)	<u>Min.80</u>
Test No. 2.	<u>Closed-end Test</u>	-		
		<u>78</u>	N (Elements pull out)	<u>Min.60</u>
Test No. 3.	Top- Stop Test			
Test NO. 5.	<u>Top- Stop Test</u>	98	N (slider pull out)	Min.70
		<u></u>		<u>IIIII</u>
Test No. 5.	Lateral Strength Test			
		<u>734</u>	N (Elements pull off)	Min.200
Test No. 7.	Slider Locking Test			
		<u>69</u>	N (slider pull out)	<u>Min.15</u>



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<u>(D)</u>					
Closed End					
Test No. 1.	Puller Attachment	<u>Test</u>	<u>412</u>	N (Puller pull out)	<u>Min.80</u>
Test No. 2.	Closed-end Test		<u>100</u>	N (slider pull out)	<u>Min.60</u>
Test No. 3.	<u>Top- Stop Test</u>		<u>172</u>	N (slider pull out)	<u>Min.70</u>
Test No. 5.	Lateral Strength	<u>Fest</u>	<u>570</u>	N (fabric rupture)	Min.200
Test No. 7.	Slider Locking Te	<u>est</u>	<u>54</u>	N (lock slippage)	<u>Min.15</u>



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<u>(E)</u>				
Closed End Test No. 1. Puller A	ttachment Test			
		<u>100</u>	N (Puller pull out)	<u>Min.80</u>
Test No. 2. <u>Closed</u>	end Test	00	NI (-11-1114)	N: 00
		<u>60</u>	N (slider pull out)	<u>Min.60</u>
Test No. 3. Top- St	op Test			
		<u>65</u>	N (slider pull out)	<u>Min.70</u>
Test No. 5. Lateral	Strength Test			
		<u>554</u>	N (fabric rupture)	Min.200
Test No. 7. <u>Slider L</u>	ocking Test			
		<u>156</u>	N (lock slippage)	<u>Min.15</u>





*** End of Report ***



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