

TEST REPORT

No. : XMIN1708005234PS

Date : Sep 14, 2017

Page: 1 of 6

CUSTOMER NAME: XIAMEN TOPPLA MATERIAL TECHNOLOGY CO., LTD.
ADDRESS: NO.31 HOUSHANTOU ROAD, SHENQING INDUSTRIAL AREA,
GUANKOU TOWN, JIMEI DISTRICT, XIAMEN

Sample Name : ABS LOCKER
Manufacturer : Xiamen Toppla Material Technology Co., Ltd.
Material and Mark : ABS+HIPS

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

Date of Receipt : Aug 07, 2017
Testing Start Date : Aug 07, 2017
Testing End Date : Aug 14, 2017
Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
SGS-CSTC Standards Technical
Services Co. , Ltd Xiamen Branch
Testing Center

Rocket Chen
Authorized signatory



SGS-CSTC Standards Technical Services Co., Ltd.
Xiamen Branch Testing Center Commercial Construction Material Laboratory

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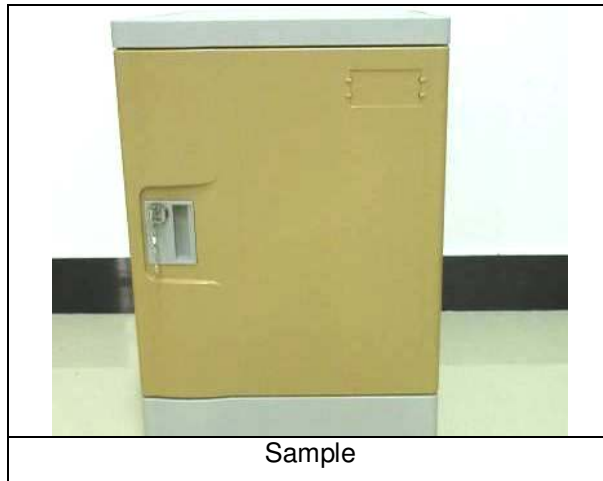
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Summary of Results:

No.	Test Item	Test Method	Result
1	Falling ball impact test	Client's requirement	See result
2	Anti-stress test	Client's requirement	See result

Original Sample Photo:



Sample



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1. Test Item: Falling ball impact test

Sample Description: See photo

Test Method: Client's requirement

Test Condition:

- (1) Place the specimens on a platform. Make sure the steel ball can fall down on the centre of the testing surface. Check the testing face horizontality.
- (2) Fall down the steel ball from the initial height of 800mm. Then check the damage of the testing surface.
- (3) If the damage hasn't occurred, increase the falling height of 50mm every time until the testing face damage.
- (4) Record the height that damage occurred and describe the damage status.
- (5) Mass of the ball: 2278g

Test Result:

Test position 1: the centre of the plastic locker door

Specimens: Plastic locker, 2pcs

Specimens identification No.	1	2
Drop height (damage occurred), h(mm)	1500	1400
The crack length (mm)	30	31
Description of the damage and the position of the crack	Fatigue damage can be observed at the back of impact point, and see the photo of position of the crack, both of the cracks almost at the same position.	



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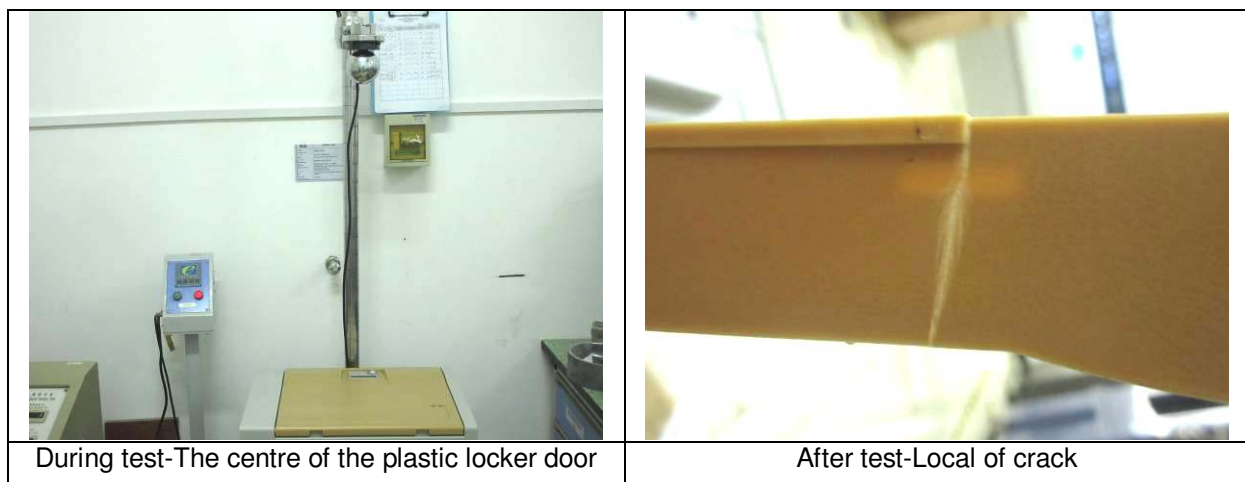
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Test position2: the centre of the plastic locker side face

Specimens: Plastic locker, 2pcs

Specimens identification No.	1	2
Drop height (damage occurred),h(mm)	1500	1500
The crack length (mm)	0	0
Description of the damage	Fatigue damage can be observed at the back of impact point.	

Test photos:



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After test- Back of the plastic locker door



During test-The centre of the plastic locker side face



After test- Back of the plastic locker side face



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2. Test Item: Anti-stress test

Sample Description: See photo

Test Method: Client's requirement

Test Condition:

Place the specimens on a platform under testing machine. Apply the load at a uniform stress rate of 30N/s to 5880N, equal 600kg, keep the load for 10min, then continue to apply load at a uniform stress rate of 30N/s until destroy.

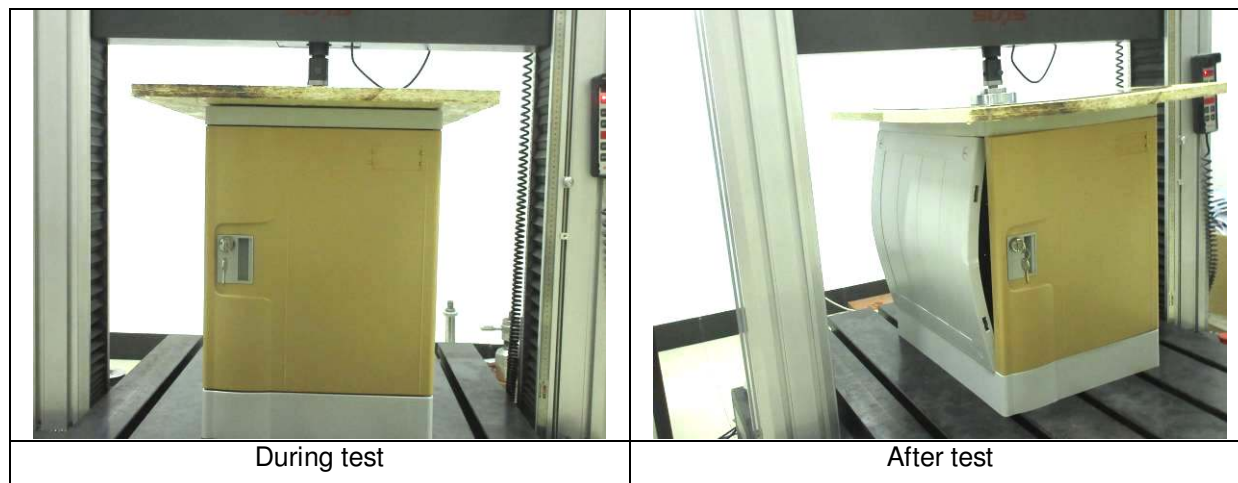
Bearing face: the whole upper face of plastic locker

Test result(s):

Specimen: plastic locker, 1pcs

Breaking force (N)	Deformation after keep load for 10min (mm)	Deformation after breaking (mm)
14666	7.0	14.2

Test photos:



***** End of report*****



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