



Test Report

Name of Sample:	RACK CASE
Brand Name:	Tricases
Model No.:	8U rack case
Client:	SHANGHAI TRICASES PLASTICS TECHNOLOGY CO., LTD
Manufacturer:	SHANGHAI TRICASES PLASTICS TECHNOLOGY CO., LTD
Test Sort:	Commission Test
Test Item:	Dust-proof Test, Free Fall Test, Vibration Test, Rain Test

Shenzhen EBO Technology Co., Ltd.

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Shenzhen EBO Technology Co., Ltd.

Test Report

Client	Shanghai Tricases Plastics Technology Co., Ltd		
Address	No.333, Huasong Road, Fengxian District, Shanghai		
Manufacturer	Shanghai Tricases Plastics Technology Co., Ltd		
Name of sample	RACK CASE		
Brand Name	tricases	Model No.	8U rack case
Sample size	/	Samples Weight	/
Application date	2014.9.22	Test date	2014.9.23~2014.9.30

Sample description:

One sample, in good condition before test. Number: 1#

Test item:

Dust-proof Test, Free Fall Test, Vibration Test, Rain Test.

Reference documents:

Enterprise technical requirements.

Test Results:

Please refer to next page(s).



Tested by:

Reviewed & Approved by:



Lab Environmental Conditions:

Ambient temperature: 25°C ± 3°C

Relative humidity: 55±2%RH

Test Equipment:

Name	Type	Serial No.	Calibration useful-life
Dust tester	WH-SC800	E00134	2014.12.26
Free drop test equipment	DT	E00178	2014-12-26
Electromagnetic vibration test machine	VT650	E00179	2014.12.26
Rain test device	BE-LY-1000-IP5-6	E00182	2014.12.26

Test Method/ Specification:

(1) Dust-proof Test:

Test conditions:

Talc powder density: 2kg/m³

Test duration: 8 hours

- Examine the protection against ingress of dust of specimen after this test.

(2) Vibration Test:

Test conditions:

The X axis: 0.74 Grms (+ 10%)

The Y axis: 0.204 Grms (+ 10%)

The Z axis: 1.04 Grms (+ 10%)

Test duration: 1H/ axial vibration

- Examine the appearance of specimen by visual check after this test.

(3) Rain Test:

Test conditions:

Test direction: vertical direction

Internal diameter of the nozzle: 12.5mm

Delivery rate: 6000L/H

Test duration: 40 minutes

- Examine the protection against ingress water of specimen after this test.

(4) Free Fall Test:



Test conditions:

Drop Height: 122cm

6 faces: 1、 2、 3、 4、 5、 6; 8 horns: 1-2-3、 2-3-4、 1-3-5、 3-4-5、 1-5-6、 4-5-6、 1-2-6、 2-4-6;

12 edges: 1-2、 1-2、 1-5、 1-6、 4-2、 4-3、 4-5、 4-6、 2-3、 3-5、 5-6、 2-6. each drop 1 (total drop 26 times).

- Examine the appearance of specimen by visual check after this test.

Test Results:

(1) Dust-proof Test:

Style/Item No. / Check Item	Appearance check (visual check)
No.1	No visible damage

(2) Vibration Test:

Style/Item No. / Check Item	Appearance check (visual check)
No.1	No visible damage



(3) Rain Test:

Style/Item No. / Check Item	Appearance check (visual check)
No.1	No visible damage

(4) Free Fall Test:

Style/Item No. / Check Item	Appearance check (visual check)
No.1	No visible damage

Dust-proof Before Test Photo



Dust-proof Test Photo



Dust-proof After test Photo



Vibration Before Test Photo



Vibration Test Photo



Blank

Vibration After Test Photo



Free Fall Before Test Photo



Free Fall Test Photo





Free Fall After Test Photo



Rain Before Test Photo



Rain Test Photo



Rain After Test Photo





Statement

1. The report is just responsible for the tested sample.
2. The test report is invalid without stamp of laboratory.
3. The test report is invalid without signature of person(s) testing and authorizing.
4. The test report is invalid if erased and corrected.
5. Test results of the report is valid to the test samples if sampling by client.
6. The test report shall not be reproduced except in full, without written approval of the laboratory.
7. If there is any objection to report, the client should inform issuing laboratory within 15 days from the date of receiving test report.