

TEST REPORT

No.:

Date:

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(Company Name)

(Company Address)

Sample Information

Sample Name: Packaged-product
Sample No.: BZ110505-0190
Sample Model: /
Sample Size: 415mm×390mm×290mm
Sample Weight: 7.1kg
Sample Quantity: 1 Carton
Sample Description: The product is put in the plastic bag, 180pcs bags are separated by fiber card, put in the corrugated box, sealed by adhesive tape
Manufacturer/Supplier: /
Buyer: /

Test Information

Test Items: Atmospheric Conditioning, Compression Test, Vibration Test, Shock Test, Vibration Test
Test Reference: ISTA 2A
Receive Day:
Testing Day:
Test Environment:

Equipment Information

Equipment Name: Temp & Humid Chamber, Compression System, Transition Simulation System, Drop Tester
Equipment No.: TTS-YQ-026, TTS-YQ-001, TTS-YQ-027, TTS-YQ-027
Calibration Useful-life: Feb 14, 2011 to Feb 13, 2012

Test Result

Pass. After the test, there is no appearance damage on the package and products.



Authorized:

Checked:

Tested:

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> ATMOSPHERIC CONDITIONING

Required Preconditioning (Ambient)

Time of conditioning (hours): 6 Temperature (°C): 27.3 Humidity (%): 61

Required Preconditioning (Controlled)

Time of Conditioning (hours): 72 Temperature (°C): 38 Humidity (%): 85

> COMPRESSION TEST

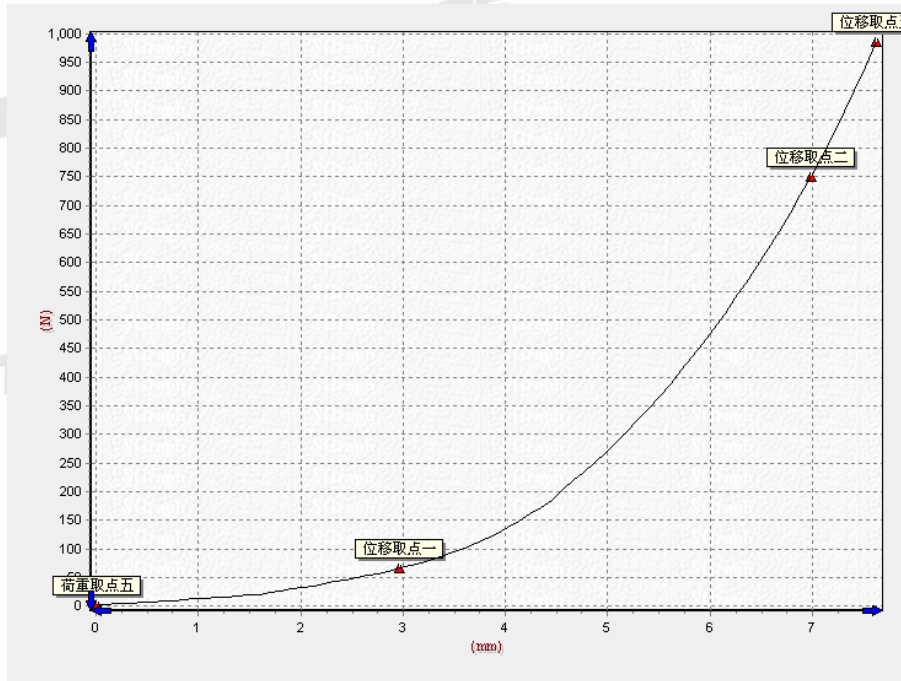
Method Used: Compression Test System Weight Load Spreader

Formula, with values, used to calculate Test Load: $AR=W \times (S-1) \times F \times 9.8 \times 1.4$

Compensating Factor used: 5

Calculated Test Load (N): 974 Actual Test Load (N): 986

Total Test Time(minutes): 0.63



Compression curve



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> VIBRATION TEST

Method Used: Rotary Motion Vertical Linear

Describe restraining devices used, if any: **Iron barrier**

Fixed Displacement Vibration

Face resting on platform: **3**

First Part: Minutes: **31** @ Frequency (CPM): **230** = Number of Impacts: **7100**

Rotation of 90° Rotation of 180° No rotation

Second Part (if applicable):

Minutes: **31** @ Frequency (CPM): **230** = Number of Impacts: **7100**



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> SHOCK TEST

Method Used: Free Fall Drop Shock Machine Incline-Impact Horizontal Sled

Use the spaces below to record the heights or velocities and orientations of each shock:

Shock Sequence Number	Height (mm)	Orientation of packaged-product		Was packaged-product CAUGHT to prevent tipping over
1	970	CORNER	2-3-5	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
2	970	EDGE	2-5	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
3	970	EDGE	3-5	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
4	970	EDGE	2-3	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
5	970	FACE	2	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
6	970	FACE	4	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
7	970	FACE	5	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
8	970	FACE	6	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
9	970	FACE	1	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
10	970	FACE	3	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N



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Appendix: Test Pictures

Pre-test:

(The Structure of the Packaged-Product)



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Testing:

Atmospheric conditioning:



Compression:



Vibration test:



Fixed displacement vibration



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The CPM of vibration

Shock test:



Corner drop



Edge drop



Face drop



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Vibration test:



Fixed displacement vibration



The CPM of vibration



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Post-test:

(The checking pictures of the package and product)

- - - END OF THE REPORT - - -



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