

Test Report

NUMBER : TSNH00489342

Applicant : TIKAMOON
4 allée du Progrès, Parc AREA - 59320 Englos (France)
Attn :susan yao

Date : Apr 17,2024

Sample Description:

One (1) submitted sample said to be	
Item Name	: wood furniture
Reference No.	: TVS0015 2
Buyer	: Gaétan Bouscarra
Country of Destination	: FRANCE
Country of Origin	: CHINA

Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

Conclusion:

<u>Tested samples</u>	<u>Standard</u>	<u>Result</u>
Submitted sample	ISTA test procedure 3A: 2018 for standard packaged-product	Pass

To be continued

Authorized By :
For Intertek Testing Services
(Tianjin) Ltd. Qingdao Branch



David Zhang
Asst.General Manager



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1. TRANSPORTATION TEST (TEST PROCEDURE 3A FOR STANDARD PACKAGED PRODUCT)

As per ISTA general simulation test procedure 3A: 2018, the performance and integrity of the packaged product was evaluated.

Number of sample tested: One (1) carton.

1). Shipping mark: Main mark / Nil

2). Description of package:

External container size (inch) : Length 72-1/2 x width 17 x depth 11-5/8

Gross weight of packaged-product (lbs) : 74.50

Basis weight after testing (g/m²): : 854.91

Box style : Regular slotted container (RSC)

Form : Double wall corrugated board

Box maker's certificate : No

Joint : Glued joint

Closed with : Reinforced tape

Style : Top opening.

3). Interior packaging: (details please see photos)

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4). Test procedure

a) Climate conditioning :

(i) Atmospheric preconditioning

Laboratory ambient temperature and humidity for twelve (12) hours at:23 °C, 55% RH.

(ii) Atmospheric conditioning – optional

Not requested by the applicant

b) Shock test (first part)

Method used: free fall drop.

Number of drops: 9.

Drop sequence number	Height of drop (inches)		Orientation of packaged-product
	<32 kg (70 lbs)	32-70 kg (70-150 lbs)	
1	18	12	Edge 3-4
2	18	12	Edge 3-6
3	18	12	Edge 4-6
4	18	12	Corner 3-4-6
5	18	12	Corner 2-3-5
6	18	12	Edge 2-3
7	18	12	Edge 1-2
8	36	24	Face 3
9	18	12	Face 3

c) Vibration test:

Random vibration with top-load

Mode of vibration: over-the-road trailer simulation.

Overall Grm s level: 0.53.

Theoretical stroke: 47.12 mm pk-pk (1.855 in.).

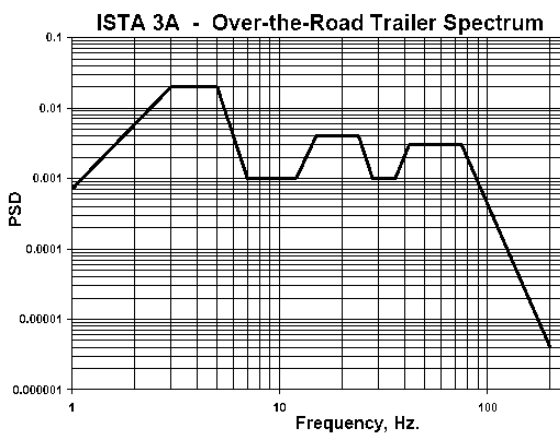
To be continued



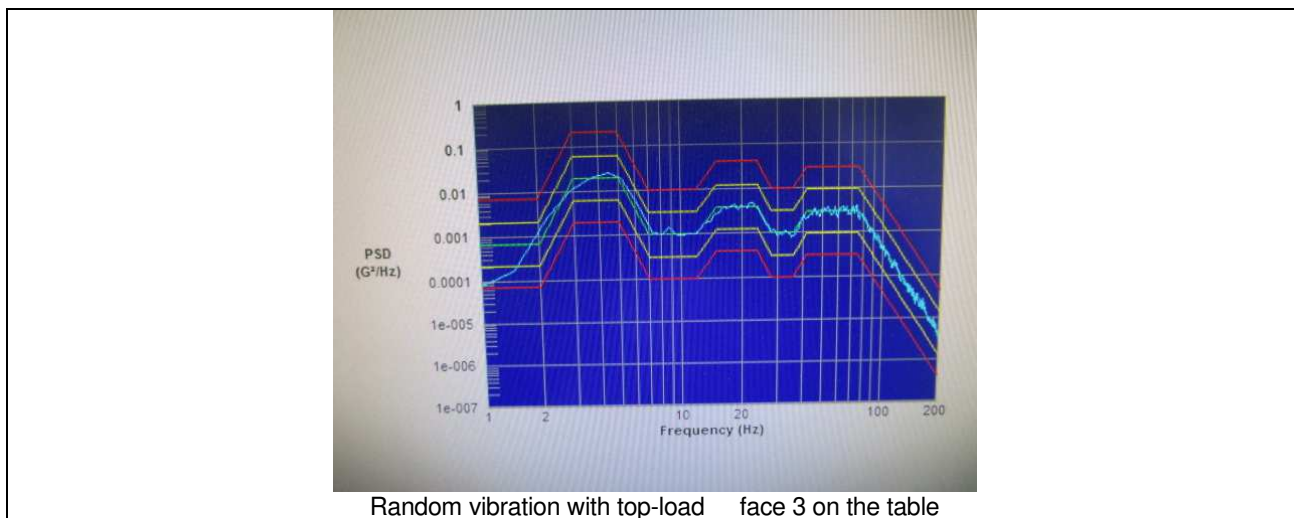
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Frequency (Hz)	PSD Level, g ² /Hz
1	0.0007
3	0.02
5	0.02
7	0.001
12	0.001
15	0.004
24	0.004
28	0.001
36	0.001
42	0.003
75	0.003
200	0.000004



Testing diagram for reference



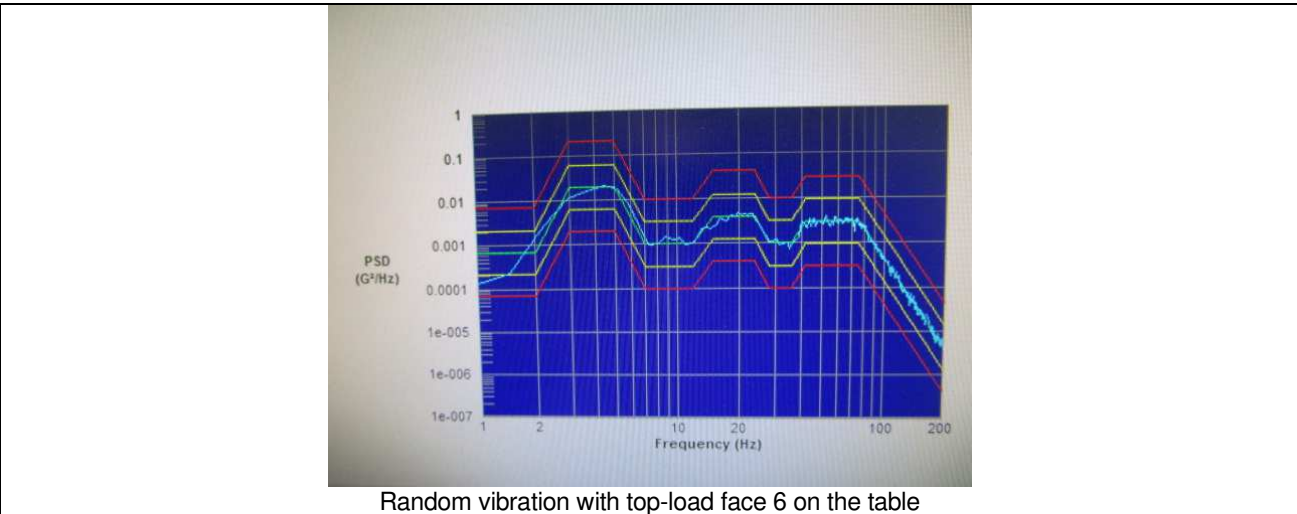
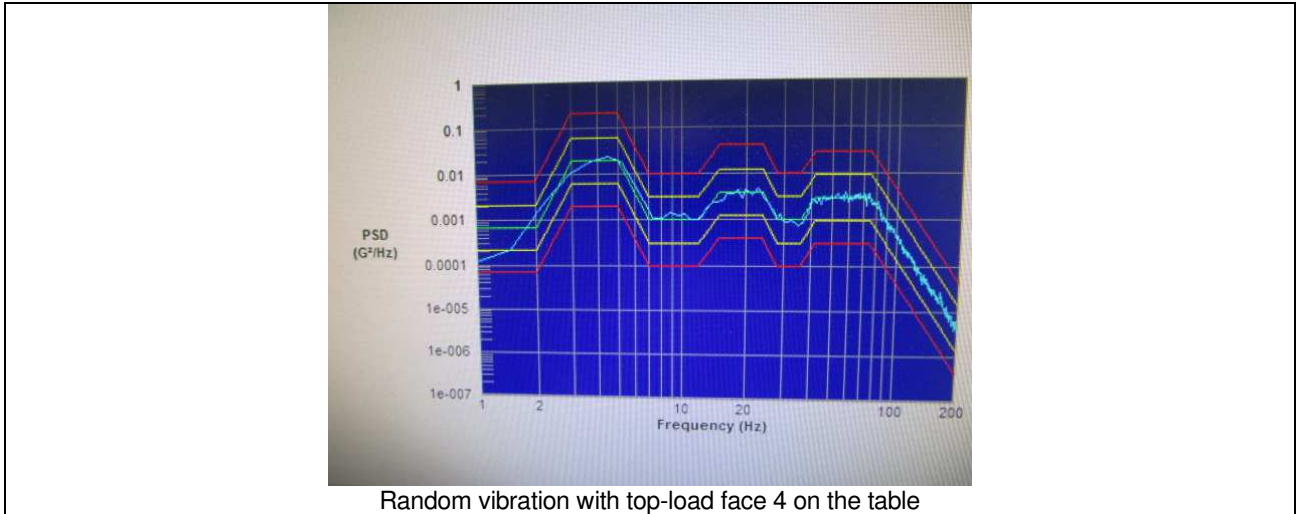
Random vibration with top-load face 3 on the table

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Testing orientation (face resting on platform)	Vibration duration (minutes)	Top-load (lbs)	Observation for shipping carton during the vibration test
Face 3	60	300	No visible damage
Face 4	30	270	No visible damage
Face 6	30	0	No visible damage

To be continued



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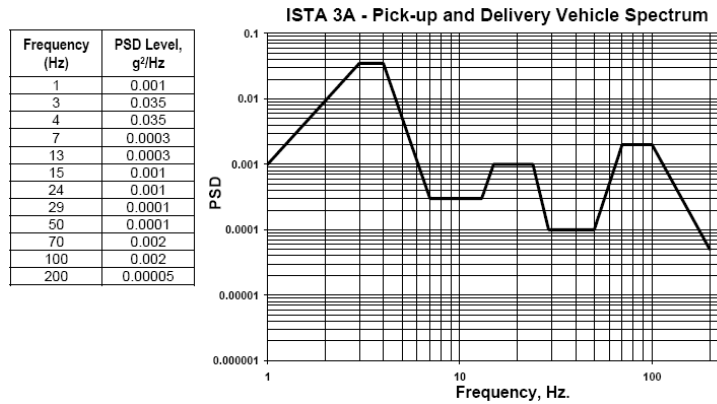
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(ii) Random vibration without top-load

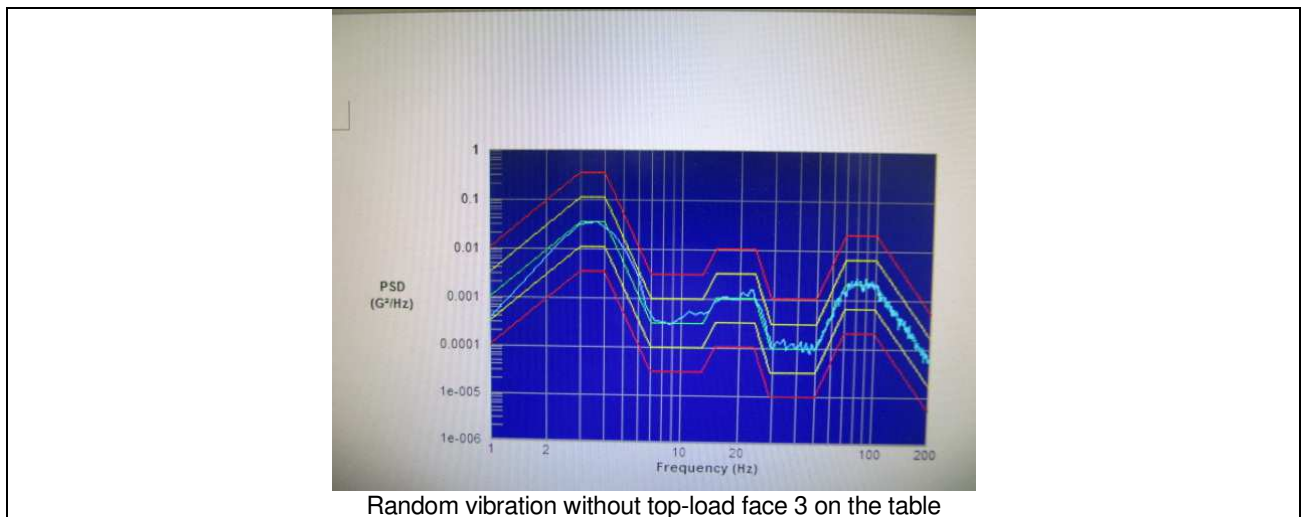
Mode of vibration: pick-up and delivery vehicle simulation.

Overall Grms level: 0.46.

Theoretical stroke: 58.72 mm pk-pk (2.312 in.).



testing diagram for reference



Testing orientation (Face resting on platform)	Vibration duration (minutes)	Observation for shipping carton during the vibration test
Face 3	30	No visible damage

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d) Shock test (second part)

Method used: free fall drop.

Number of drops: 8.

Drop sequence number	Height of drop (inches)		Orientation of packaged-product
	<32 kg (70 lbs)	32-70 kg (70-150 lbs)	
10	18	12	Edge 3-4
11	18	12	Edge 3-6
12	18	12	Edge 1-5
13	18	12	Corner 3-4-6
14	18	12	Corner 1-2-6
15	18	12	Corner 1-4-5
16	36	24	Most critical or damage-prone flat orientation
17	18	12	Face 3 on hazard

5). Test result

After testing, no puncture of carton box or scuffmark of gift box was observed, and no visible damage or malfunction was observed on the contents of the packaged product.

Date Sample Received: Apr 11,2024

Testing Period: Apr 11,2024 to Apr 17,2024

To be continued

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Transit Test Photo



PICTURE 1



PICTURE 2



PICTURE 3



PICTURE 4

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PICTURE 5



PICTURE 6



PICTURE 7



PICTURE 8

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PICTURE 9

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Photo



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End of report

