

Test Report

Test Report No.: 26759050

Issue Date: 23/01/15(DD/MM/YY)

Client Information:

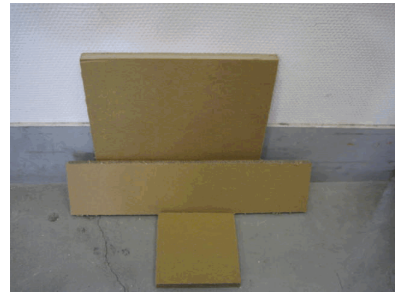
Supplier No. : S0516
Client Company Name : TAISHIN HONEYCOMB CORPORATION
Contact Address : No.3, lane 110, Sec.1, Zhongfong Rd.,Guanxi Town, Xinzhu County, Taiwan
Client Contact Person : Jack Chang
IKEA Contacts Person : Pass Liao
Sample Receive Date/Test Start Date: 17/01/15

Sample information by applicant:

Article No. : /
Article Name : /
Article Date Stamp : /
Material Producer : THC
Material Description : 2014/12/30
Material Batch Number/Production Date: PAPER
Test type : Verifying Test

Load Bearer Code : IKEA LB20
IKEA Quality in Feet Filler : /
Sample Desc : 001: Paper pallet feet 90*90mm;
002: Paper pallet feet 90*180mm;
003: Load bearer sheet;

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Test Method:

Compression test for paper pallet feet
Shear strength test for paper pallet feet
Load bearer sheet compression test
Load bearer sheet deflection test
Cobb test for load bearer and inside filler



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A blue ink handwritten signature, appearing to read 'Tony Watson', is written over a light blue horizontal line.

Tony Watson
ITTC General Manager

The test results exclusively relate to the samples under test.

The test report shall not be reproduced except in full, without the written approval of our laboratory.

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Paper pallet feet test

1. Reference standards and document

1.1 IOS-P-0010 V12 Packaging – general requirements
1.2 Conditions: 36 hours indoor climate 23°C±1°C, (50±2) % r.h. before testing. These conditions are also prevail during the test.

2. Test result

Feet size(mm): 90X90

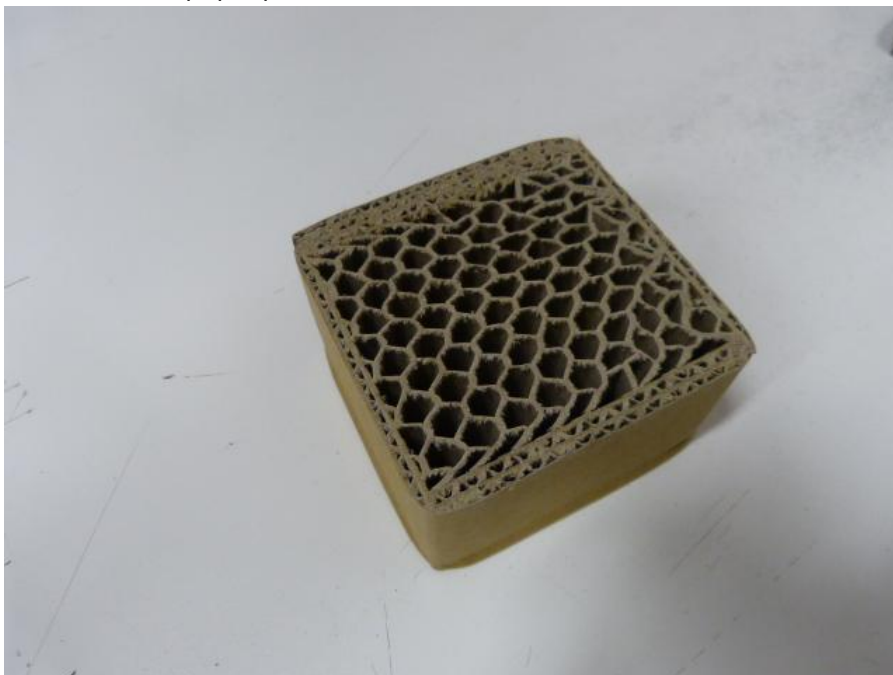
No.	Property	Values		Standard deviation	Number of test pieces	IKEA Limit
1.	Compression test(kN) IOS-P-0010v12	Mean	6.90	0.53	10	≥5
2.	Shear strength test(Nm) IOS-P-0010v12	Min.	81.48	/	5	≥60

*Comment/s:

The structure of paper pallet foot doesn't follow IOS-P-0010 V12, the results are for reference. (See photo)
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Photo:

The structure of paper pallet foot doesn't follow IOS-P-0010 V12, the results are for reference.



26759050002

Paper pallet feet test

1. Reference standards and document

1.1 IOS-P-0010 V12 Packaging – general requirements
1.2 Conditions: 36 hours indoor climate 23°C±1°C, (50±2) % r.h. before testing. These conditions are also prevail during the test.

2. Test result

Feet size(mm): 90X180

No.	Property	Values		Standard deviation	Number of test pieces	IKEA Limit
1.	Compression test(kN) IOS-P-0010v12	Mean	12.75	0.75	10	≥10
2.	Shear strength test(Nm) IOS-P-0010v12	Min.	109.50	/	5	≥100

*Comment/s:

The structure of paper pallet foot doesn't follow IOS-P-0010 V12, the results are for reference. (See photo)
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Photo:

The structure of paper pallet foot doesn't follow IOS-P-0010 V12, the results are for reference.



26759050003

Load bearer sheet and inside filler test

1. Reference standards and document

1.1 IOS-P-0010 V12 Packaging – general requirements
1.2 Conditions: 36 hours indoor climate 23°C±1°C, (50±2) % r.h. before testing. These conditions are also prevail during the test.

2. Test result

Sample Material: LB20

Sample Thickness: 16.31mm

No.	Property		Mean	Standard deviation	Number of test pieces	IKEA Limit
1.	Compression test(kN) IOS-P-0010v12		4.17	0.17	5	≥3
2.	Load bearer sheet deflection test(mm) IOS-P-0010v12	MD	1.14	0.06	5	/
		CD	1.47	0.04	5	/
		(MD + CD)/2	1.31	/	/	≤3
3.	Cobb 60 test (g/m ²) ISO 535:2014	Outside	18.2	0.8	5	≤40
		Inside	18.8	0.8	5	≤40

-----End of Report-----