

TEST REPORT **PI / 05 / 15**

(LIND identification mark)

Customer and address: YIELD d.o.o. Kamenolom 10 Blažuj - Ilidža, B&H	Number from ZEDA Protocol book		LIND identification mark: PI / 05 / 15
	Enter: 01-42-67/15 23.02.2015	Exit: 01-42-67-1/15 18.03.2015	

Test item: Domestic furniture - seating - a chair without armrests "ENA"

Standards: According to the ZEDA offer No. 01-42-61-1/15 dated on 23.02.2015 and the test order YIELD No. 01/2015 dated on 25.02.2015, testing of the "ENA" chair is performed according to the requirements of standards:

- BAS EN 12520:2011 - Furniture - Strength, durability and safety - Requirements for domestic seating
- BAS EN 1022:2009 - Domestic furniture- Seating - Determination of stability
- BAS EN 1728:2014 + BAS EN 1728/Cor1:2014: Furniture - Seating - Test methods for the determination of strength and durability

Test Results: Test item PI/05/15 (Domestic furniture - a chair without armrests "ENA"):

- FULFILS the requirements defined with standard BAS EN 12520:2011;
- FULFILS the requirements defined with standard BAS EN 1022:2009;
- FULFILS the requirements defined with standard BAS EN 1728:2014 + BAS EN 1728/Cor1:2014.

According to the test results we concluded that the test item PI/05/15:

- FULFILS requirements of standards BAS EN 12520:2011, BAS EN 1022:2009 and BAS EN 1728:2014 + BAS EN 1728/Cor1:2014.

Comment: Test results are given on the pages 2 and 3 of this test report.

Test report is made (signed) by:  Amir Kubat Manager of LIND	Date of issue: 18.03.2015	 Stamp: 150411 d.o.o.	Approved by Director of ZEDA:  Muhsin Ibrahimagić	Page: 1/ <u>3</u>
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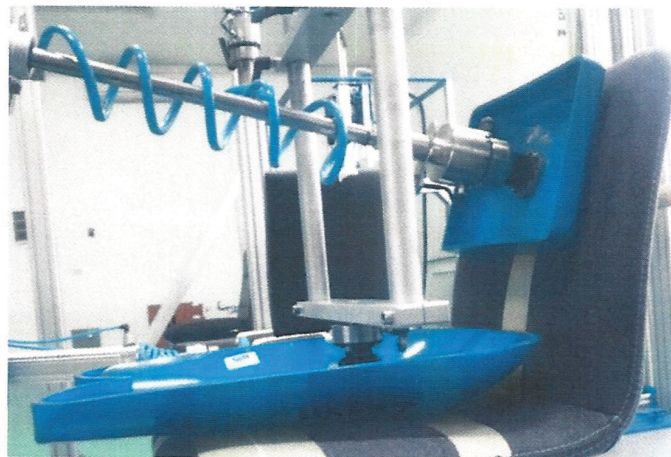


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PRODUCT DATA	
Name of the product / test item: Domestic furniture - seating - a chair without armrests "ENA"	Dimensions: Chair height: 825 mm Seat height: 462 mm Seat width: 445 mm Seat depth: 415 mm Back width: 350 mm
Material of the product/ test item:	Backrest: upholstered laminated veneer, polyester, foam Seat: upholstered laminated veneer, polyester, foam Legs and seat structure: solid wood - oak
Description of the product/ test item:	Domestic furniture - seating - a chair without armrests
Date of the test item receipt:	27.02.2015
Air-conditioned:	from 03.03. to 04.03.2015

Images of test item: Domestic furniture - seating - a chair without armrests "ENA"



TEST RESULTS – Domestic furniture - a chair "ENA"							
Test according to the clause of standard:	Requirements of standard					Result	Requirements fulfilled YES/NO
	Number of cycles/ time	Value and unit	Weight (kg)	Adjustability		
BAS EN 12520:2011 Furniture - Strength, durability and safety - Requirements for domestic seating							
5.1 General requirements		No sharp edges and burrs and open pipes			/	YES	
5.2.3 Shear and squeeze points during use		No shear and squeeze points			/	YES	
5.3 Stability		According to EN 1022			/	YES	
5.4 Strength and durability		According to EN 1728:2012			/	YES	
BAS EN 1022:2009 Domestic furniture - Seating - Determination of stability							
6.2 Forwards overbalancing, all seating	5 sec.	600 N Horiz. force 20 N			Force overturn.	53 N	YES
6.4 Sideways overbalancing, all seating without arms	5 sec.	600 N Horiz. force 20 N		40 mm 100 mm	Force overturn.	72 N	YES
6.6 Rearwards overbalancing, all seating with backs	5 sec.	a s a 600 N 80 N F=0,2857x(1000-H)		Seat height: H>720 mm H<720 mm	F=153,7 N	192 N	YES

TEST RESULTS – continuation - Domestic furniture - a chair "ENA"

Test according to the clause of standard:	Requirements of standard					Result	Requirements fulfilled YES/NO
	Number of cycles/ time	Value and unit	Weight (kg)	Adjustability		
BAS EN 1728:2014 + BAS EN 1728/Cor1:2014 Furniture - Seating - Test methods for the determination of strength and durability							
6.4 Seat static load and back static load test	10	b s	1.300 N 450 N (max.)			10x	YES
6.5 Seat front edge static load	10	s	1.300 N (max.)		100 mm	10x	YES
6.6 Vertical load on back rests	10	b s	600 N (max.) 1.300 N			10x	YES
6.15 Leg forward static load test	10	b s	400 N 1.000 N			10x	YES
6.16 Leg sideways static load test	10	b s	300 N 1.000 N			10x	YES
6.17 Combined seat and back durability test	25.000	s b	1.000 N 300 N (max.)			25.000	YES
6.18 Seat front edge durability test	20.000		800 N		100 mm 100 mm	20.000	YES
6.24 Seat impact test	10		impactor mass of 25 kg		from the height of 180 mm	10x	YES
6.25 Back impact test	10		Impact hammer mass of 6,5 kg		Angle of fall: 28°	10x	YES
6.27.3 Drop test from the height of a table			Image 24			/	YES
6.28 Backward fall test						/	YES
LEGEND:	YES – requirement fulfilled; NO – requirement not fulfilled; / - not requested; X – a requirement of standard not tested s – seat; b – back; r – arm rest						

Deviation from the standard requirements:

- There was no deviation from the standard requirements.

Ambient conditions during test:

1. Temperature: from 18,3 to 20,7 °C - Requirement of standard fulfilled: **YES** / NO
 2. Relative humidity: from 48,1 to 49,7 % - Requirement of standard fulfilled: **YES** / NO

Comment:

Tests according to the clauses of standard that are not listed in the specified column with related ordinal numbers, are NOT standard provided and applicable for this test item.

OL5-04-01-1

Date of test start: 04.03.2015

Date of test completion: 17.03.2015

Test performed and working order filled by:

Sanel Ibrić / Emir Čaplja

Sanel Ibrić / Emir Čaplja
 Test performer



Checked/Approved by:

Amir Kubat

Amir Kubat

Manager of LIND