



NUMBER : TSNH00224054

Applicant : Mobel world distribucion s.l.  
Calle alcalde clemente garcia parc 25-5, 30169 san gines  
murcia  
Attn : Emma

Date : Mar 27, 2017

Sample Description:

One (1) submitted sample said to be

Item Name : plastic chair  
Item No. : PC683  
P.O. No. : 20170216001  
Material : fabric +sponge +metal  
Buyer : Mobel world distribucion s.l.  
Country of Destination : SPAIN  
Country of Origin : China

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Tests Conducted:

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

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Conclusion:

| <u>Tested samples</u> | <u>Standard</u>                                                                                                                              | <u>Result</u> |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Submitted sample      | UNE-EN 12520: 2016 – furniture — strength, durability and safety-requirements for domestic seating<br>Excluding clause 6 information for use | Pass          |

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To be continued

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

David Zhang  
Senior Manager





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## STRENGTH, DURABILITY AND SAFETY TESTS FOR DOMESTIC CHAIR

With reference to UNE-EN 12520: 2016-Furniture — Strength, durability and safety— Requirements for domestic seating, the submitted sample was subjected to the following tests.

Number of sample tested: One (1) piece (Assembled by lab )

Inspection of the sample: No damage was found

Executive summary:

| Clause | Test items                                                     | Verdict      |
|--------|----------------------------------------------------------------|--------------|
| 1      | Scope                                                          | -            |
| 2      | Normative references                                           | -            |
| 3      | Terms and definitions                                          | -            |
| 4      | Test sequence                                                  | -            |
| 5      | Constructional requirements                                    | -            |
| 5.1    | General requirements                                           | P            |
| 5.2    | Shear and squeeze points                                       | -            |
| 5.2.1  | Shear and squeeze points when setting up and folding           | NA           |
| 5.2.2  | Shear and squeeze points under influence of powered mechanisms | NA           |
| 5.2.3  | Shear and squeeze points during use                            | P            |
| 5.3    | Stability                                                      | See remark 1 |
| 5.4    | Strength and durability                                        | See remark 2 |
| 6      | Information for use                                            | See note#1   |

Abbreviation: **P** = Pass; **NA** = Not Applicable

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To be continued



NUMBER : TSNH00224054

**Remark:**

1: Stability of furniture

With reference EN 1022: 2005 - domestic furniture seating-determination of stability, the submitted sample was subjected to the following tests:

Number of Sample Tested: One (1) Piece

**Executive summary: (Before strength and fatigue test)**

| Clause | Test items                                                                               | Verdict |
|--------|------------------------------------------------------------------------------------------|---------|
| 6      | Test procedure and requirements, all seating: experimental method                        | -       |
| 6.2    | Forwards overbalancing, all seating                                                      | P       |
| 6.3    | Forwards overbalancing for seating with footrest                                         | NA      |
| 6.4    | Sideways overbalancing, all seating without arms                                         | NA      |
| 6.5    | Sideways overbalancing, all seating with arms                                            | P       |
| 6.6    | Rearwards overbalancing, all seating with backs                                          | P       |
| 7      | Test procedures and requirements for seating with variable geometry: experimental method | -       |
| 7.3    | Tilting chairs                                                                           | NA      |
| 7.4    | Rocking chairs                                                                           | NA      |
| 7.5    | Reclining chairs with footrests                                                          | NA      |
| 7.6    | Footrest test                                                                            | NA      |
| 7.7    | Reclining chairs without footrests                                                       | NA      |

Abbreviation: **P** = Pass; **NA** = Not Applicable

**Executive Summary: (After strength and fatigue test)**

| Clause | Test items                                                                               | Verdict |
|--------|------------------------------------------------------------------------------------------|---------|
| 6      | Test procedure and requirements, all seating: experimental method                        | -       |
| 6.2    | Forwards overbalancing, all seating                                                      | P       |
| 6.3    | Forwards overbalancing for seating with footrest                                         | NA      |
| 6.4    | Sideways overbalancing, all seating without arms                                         | NA      |
| 6.5    | Sideways overbalancing, all seating with arms                                            | P       |
| 6.6    | Rearwards overbalancing, all seating with backs                                          | P       |
| 7      | Test procedures and requirements for seating with variable geometry: experimental method | -       |
| 7.3    | Tilting chairs                                                                           | NA      |
| 7.4    | Rocking chairs                                                                           | NA      |
| 7.5    | Reclining chairs with footrests                                                          | NA      |
| 7.6    | Footrest test                                                                            | NA      |
| 7.7    | Reclining chairs without footrests                                                       | NA      |

Abbreviation: **P** = Pass; **NA** = Not Applicable

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To be continued



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## 2: Structural safety requirements

With reference to EN 1728: 2012 – domestic furniture – seating - mechanical and structural safety requirements, the submitted sample was subjected to the following tests:

Number of sample tested: one (1) piece

### Executive summary:

| Clause | Test items                                 | Verdict |
|--------|--------------------------------------------|---------|
| 6.4    | Seat static load and back static load test | P       |
| 6.5    | Seat front edge static load test           | P       |
| 6.8    | Foot rest static load test                 | NA      |
| 6.10   | Arm rest sideways static load test         | P       |
| 6.11   | Arm rest downwards static load test        | P       |
| 6.17   | Combined seat and back durability test     | P       |
| 6.18   | Seat front edge durability test            | P       |
| 6.20   | Arm rest durability test                   | P       |
| 6.15   | Leg forward static load test               | P       |
| 6.16   | Leg sideways static load test              | P       |
| 6.24   | Seat impact test                           | P       |
| 6.28   | Backward fall test                         | P       |
| 6.25   | Back impact test                           | NA      |

### Note:

#1 No information for use was provided.

Information for use shall be available in the language of the country in which it will be delivered to the end user.

It shall contain at least the following details:

- a) Assembly instructions, where applicable;
- b) Instructions for the care and maintenance of the seating;
- c) if the seating is fitted with seat height adjustments with energy accumulators, an additional note is required pointing out that only trained personnel may replace or repair seat height adjustment components with energy accumulators.

### # 2 sample description:

Overall dimensions (mm):785 (Depth) x675 (Width) x940 (Height)

Weight (kg): 12.70

Date sample received: Mar 10, 2017

Testing period: Mar 10, 2017 To Mar 22, 2017

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To be continued

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Photo



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End of report