

Test Report

Number: SHAH01358818

Applicant: DOREL HOME FURNISHINGS EUROPE LTD
ALPHASON HOUSE, 244 SWAN LANE,
HINDLEY GREEN, WIGAN, WN2 4EY
Attn: MARK HUANG/SAM WHITMAN

Date: 14 Jul, 2021

Sample Description:

One(1) group of submitted sample said to be :

Item Name : Dalton Accent Chair
Item No. : AOC4540
Quantity : 1
Supplier : ANJI FUHE FURNITURE CO LTD
Buyer : Dorel Home Furnishings Europe Ltd
Goods Exported To : UK
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	BS EN 12520: 2015 – furniture — strength, durability and safety-requirements for domestic seating Excluding clause 6 information for use	Pass

To be continued

Authorized By:
Intertek Testing Services Ltd. Zhejiang



Peter Chen
General Manager



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Tests Conducted

STRENGTH, DURABILITY AND SAFETY TESTS FOR DOMESTIC CHAIR

With reference to BS EN 12520: 2015-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

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;

Remark:

1: Stability of furniture

With reference BS EN 1022: 2018 - 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
7	Test methods for assessing stability of all seating except loungers	-
7.3	Test procedures, all seating	-
7.3.1	Forwards overturning	P
7.3.2	Forwards overturning for seating with foot rest	NA
7.3.3	Corner stability test	NA
7.3.4	Sideways overturning, all seating without arm rests	NA
7.3.5	Sideways overturning, all other seating	-
7.3.5.2	Seating with arm rests	P
7.3.5.3	Seating with raised side edges	NA
7.3.6	Rearwards overturning all seating with back rests	P
7.4	Additional test procedures for seating with reclining back rests	-
7.4.2	Tilting seating	NA
7.4.3	Reclining seating with leg rest	NA
7.4.4	Reclining seating without leg rest	NA
7.4.5	Rearwards stability test for rocking chairs	NA
8	Loungers	-
8.3.1	Forwards overturning	NA
8.3.2	Sideways overturning	NA
7.3.6	Rearwards stability – upright position	NA



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7.4.3	Rearwards stability – reclined position	NA
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Abbreviation: **P** = Pass; = Not Applicable;

Executive Summary: (After strength and fatigue test)

Clause	Test items	Verdict
7	Test methods for assessing stability of all seating except loungers	-
7.3	Test procedures, all seating	-
7.3.1	Forwards overturning	P
7.3.2	Forwards overturning for seating with foot rest	NA
7.3.3	Corner stability test	NA
7.3.4	Sideways overturning, all seating without arm rests	NA
7.3.5	Sideways overturning, all other seating	-
7.3.5.2	Seating with arm rests	P
7.3.5.3	Seating with raised side edges	NA
7.3.6	Rearwards overturning all seating with back rests	P
7.4	Additional test procedures for seating with reclining back rests	-
7.4.2	Tilting seating	NA
7.4.3	Reclining seating with leg rest	NA
7.4.4	Reclining seating without leg rest	NA
7.4.5	Rearwards stability test for rocking chairs	NA
8	Loungers	-
8.3.1	Forwards overturning	NA
8.3.2	Sideways overturning	NA
7.3.6	Rearwards stability – upright position	NA
7.4.3	Rearwards stability – reclined position	NA

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

2: Structural safety requirements

With reference to BS 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

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



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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): 825 (Depth) x 740 (Width) x 902 (Height)

Weight (kg): 12.25



Picture 1: Submitted sample

Date Sample Received: Jul 01, 2021

Testing Period: Jul 01, 2021 To Jul 12, 2021

End Of Report

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