

Test Report

Report No.: 903157-9/10



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Order no.: 903157
No. of appendices: 2

Item: Model: Beetle Chair with Plastic Legs

Type:	Chair				
Length:	580 mm	Width:	500 mm	Height:	870 mm
Weight:	6.10 kg				
Materials:	Plastic				

Sampling: The test material was sampled by the client and received at the Danish Technological Institute 04-06-2020.

Method: ANSI/BIFMA X5.1-2017 American National Standard For Office Furnishings - **General Purpose Office Chairs - Tests**

Period: The testing was carried out from 08-06-2020 to 03-07-2020.

Result: Model Beetle Chair with Plastic Legs fulfils the requirements of ANSI/BIFMA X5.1-2017, Type III.

Individual results appear from Appendix 1.

Storage: The test material will be destroyed after 1 month, unless otherwise agreed.

Terms: Accredited testing was carried out in compliance with international requirements (EN/ISO/IEC 17025:2005) and in compliance with Danish Technological Institute's General Terms and Conditions regarding Commissioned Work accepted by Danish Technological Institute. The test results apply to the tested products only. This report may be quoted in extract only if the laboratory has granted its written consent.

Date/place: 06-07-2020, Danish Technological Institute, Wood and Biomaterials, Taastrup

Signature: Test responsible

Co-signatory



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Testing of Model: Beetle Chair with Plastic Legs

ANSI/BIFMA X5.1-2017 – Type III

Test		Result
5.	Backrest strength test – static – Type I and II	N/A
6.	Backrest strength test – static – Type III	Passed
7.	Drop test - dynamic	Passed
8.	Swivel test – cyclic	N/A
9.	Tilt mechanism test - cyclic	N/A
10.	Seating durability test - cyclic	Passed
11.	Stability tests	Passed
12.	Arm strength test – vertical - static	N/A
13.	Arm strength test – horizontal - static	N/A
14.	Backrest durability test – cyclic – Type I	N/A
15.	Backrest durability test – cyclic – Type II and Type III	Passed
16.	Caster/chair base durability test – cyclic	N/A
17.	Leg strength test – front and side application	Passed
18.	Footrest static load test – vertical	N/A
19.	Footrest durability test – vertical – cyclic	N/A
20.	Arm durability test – cyclic	N/A
21.	Out stop test for chairs with manually adjustable seat depth	N/A
22.	Tablet arm chair static load test	N/A
23.	Tablet arm chair load ease test – cyclic	N/A
24.	Structural durability test – cyclic	Passed

N/A – Not applicable

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Photo

