

## TEST CERTIFICATE N. 231.Z.2006.229.EN.01

References: 2003197-01, 2005014-01-Ci

**PRODUCT:** DUNAS XS CHAIR

**COMPANY:** INCLASS MOBLES, S.L.  
Cno. Estación Poligono I-4 P.5  
03330 CREVILLENTE – Alicante - SPAIN  
[www.inclass.es](http://www.inclass.es)



**TEST:** Compliance with the following standard:  
**ANSI/BIFMA X5.1-2017** General-Purpose Office Chairs – Tests.

**RESULT:** Satisfactorily complies with the specifications set by the standard for single type III seats, according to the following tests applicable to the model:

TESTS	RESULT
<b>4. Type of chair</b>	Type III
<b>6. Backrest Strength Test – Static. Type III</b> (F <sub>h1</sub> = 667N, F <sub>h2</sub> = 1001N, n = 1, t = 1 min)	<b>CORRECT</b>
<b>7. Impact test</b> (h = 152 mm, M <sub>1</sub> = 102 kg, M <sub>2</sub> = 136 kg)	<b>CORRECT</b>
<b>10. Seating durability test</b>	
<b>10.3 Impact test</b> (M = 57 kg, h = 36 mm., n = 100 000 cycles)	<b>CORRECT</b>
<b>10.4 Front corner load-ease test</b> (F <sub>v</sub> = 890 N, n = 40 000 cycles)	<b>CORRECT</b>
<b>11.3 Rear stability test</b> (M = 10 kg, n= 6 disks, F <sub>h</sub> = 195 N)	<b>STABLE</b>
<b>11.4 Front stability test</b> (M = 61 kg, F <sub>h</sub> = 20 N)	<b>STABLE</b>
<b>15. Backrest durability test – Cyclic. Type II and Type III</b> (M=109 kg, F=334 N, n=120000 cycles)	<b>CORRECT</b>
<b>17. Leg strength test</b>	
<b>17.3 Leg forward static load test</b> (F <sub>h1</sub> = 334 N, F <sub>h2</sub> = 503 N, n = 1, t = 1 min)	<b>CORRECT</b>
<b>17.4. Leg sideways static load test</b> (F <sub>h1</sub> = 334 N, F <sub>h2</sub> =503 N, n = 1, t = 1 min)	<b>CORRECT</b>
<b>20. Arm durability test</b> (F = 400 N, n = 60 000 cycles)	<b>CORRECT</b>
<b>24. Structural durability test</b> (M = 109 kg, F <sub>H</sub> = 334 N, n = 25 000 cycles)	<b>CORRECT</b>

Paterna, June 9, 2020

P.A.

Signed: José Emilio Nuévalos  
Furniture and Products Laboratory  
Head of Section

This certificate only refers to the samples tested by the AIDIMA laboratory.

The particular results of the tests are described in technical report N. 231.I.2006.229.ES.01 dated on May 28, 2020.

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