

## TEST CERTIFICATE N. 231.X.1906.399.EN.01

References: 1906007-01, 1909034-01-Ci

**PRODUCT:** Chair **Polypropylene recycled material from the sea + 30GF**



**COMPANY:** **VONDOM, S.L.U.**  
Avda. de Valencia, nº 3  
46891 PALOMAR, Valencia, SPAIN  
[www.vondom.com](http://www.vondom.com)

**TEST:** Compliance with the following standard:  
**ANSI/BIFMA X5.4-2012** Lounge and Public Seating. Test

**RESULT:** Satisfactorily complies with specifications of standard in following tests, apply to the model, for single type A seats:

TEST	RESULT
<b>4. Type of chair</b> (simple seat)	<b>Type A</b>
<b>5. Backrest horizontal static load test</b> ( $F_{h1} = 667$ N, $F_{h2} = 1112$ N, $t=1$ min.)	<b>CORRECT</b>
<b>7. Backrest durability Test. Horizontal. Cyclic.</b> ( $F_h = 334$ N, $n = 120.000$ cycles)	<b>CORRECT</b>
<b>9. Arm strength test. Horizontal. Static</b> ( $F_{h1}=445$ N, $F_{h2}=667$ N, $t=1$ min.)	<b>CORRECT</b>
<b>10. Arm strength test. Vertical. Static</b> ( $F_{v1}= 750$ N, $F_{v2}=1125$ N, $t=1$ min.)	<b>CORRECT</b>
<b>13. Arm durability test for single seat units</b> ( $F= 400$ N, $N= 60\ 000$ cycles)	<b>CORRECT</b>
<b>14. Seating durability test</b> ( $M = 57$ kg, $h= 31$ mm., $n= 100.000$ cycles)	<b>CORRECT</b>
<b>15. Impact test</b> ( $h = 152$ mm., $M_1 = 102$ kg, $M_2=136$ kg,)	<b>CORRECT</b>
<b>16.3 Leg forward static load test</b> ( $F_{h1} = 334$ N, $F_{h2} = 503$ N)	<b>CORRECT</b>
<b>16.4. Leg sideways static load test</b> ( $F_{h1} = 334$ N, $F_{h2} = 503$ N)	<b>CORRECT</b>
<b>21.3 &amp; 21.5 Front and rear stability test</b>	<b>STABLE</b>

Paterna, November 25, 2019

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.1909.498.ES.01 dated on 04/09/2019.

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