

## AIDIMA

## **TEST CERTIFICATE**

Reference: : 1110057-01 y 02 -- C

PRODUCT:

4-SEATER CHAIR AND ARMCHAIR "TRAZO"

COMPANY:

DYNAMOBEL, S. A.

CR MADRID, Km 24 31350 - PERALTA (NAVARRA) **SPAIN** 

Phone: (+34) 94 875 00 00 Fax: (+34) 94 875 16 07

CIF: A-31007107

Web: www.dynamobel.com

TEST:

Compliance with the following standards:

"EN 15373:07". Furniture - Strength, durability and safety - Requirements for non-domestic seating. "UNE EN 1728:01" Domestic furniture - Seating - Test

methods for the determination of strength and durability.

RESULT:

Satisfactorily complies with specifications set out in the standard EN 15373:07

(level 3), as per the following tests:

| TEST   | RESULT   |
|--|----------|
| - General safety requirements  | CORRECT  |
| - Seat and back static load (Fv= 2000 N, Fh= 700 N, 30 sec., n= 10 times)    | CORRECT  |
| - Seat front edge static load (Fv= 2000 N, 30 sec., n= 10 times)             | CORRECT  |
| - Back vertical static load (Fv= 900 N, Q= 180 Kg, n= 10 times)              | CORRECT  |
| - Arm sideways static load test (Fh =900 N, n =10 times)                     | CORRECT  |
| <ul> <li>Arm downwards static load test (Fv =1000 N, n =10 times)</li> </ul> | CORRECT  |
| - Combined seat and back fatigue (Fv= 1000 N, Fh= 300 N, n= 200.000 cycles)  | CORRECT  |
| - Seat front edge fatigue (Fv= 1000 N, n= 100.000 cycles)                    | CORRECT  |
| - Arm fatigue test (F = 400 N, n = 100.000 cycles)                           | CORRECT  |
| - Leg forward static load (F = 620 N, Q = 1800 N, n= 10 times)               | CORRECT  |
| - Leg sideways static load (F = 490 N, Q = 1300 N, n= 10 times)              | CORRECT* |
| - Seat impact test (M = 25 kg. h = 300 mm, 10 times)                         | CORRECT  |
| - Back impact test (M = 5 kg. $\alpha$ = 68°, 10 times)                      | CORRECT  |
| - Arm impact test (α= 38°, h= 210 mm, n= 10 cycles)                          | CORRECT  |
| - Drop test (multiple seats) (n= 5 times)                                    | CORRECT  |
| - Determination of stability (UNE EN 1022:05) (front, sideway, back)         | STABLE   |

<sup>\*</sup>Satisfactorily fulfills the especifications for the standard used to level 2 "public use"

Paterna, 14th December 2011

Signed: José Emilio Nuevalos Head of Furniture Laboratory

This certificate is only applicable to the samples tested by the AIDIMA Laboratory.

The specific results of the test can be found in the technical report ref.: 1110057-01-02 dated on 14/12/2011.

AIDIMA is a member of INNOVAWOOD, the European Network for Research and Training for the Forest, Wood-Based and Furniture Industries. Its members include: CATAS (Italy), CTBA (France), CTIB (Belgium), DTI (Denmark), ELKEDE (Greece), HFA (Austria), IHD (Germany), ITD (Poland), SHR (Holland), ST-TRÄTEK (Sweden), TRADA-FIRA (United Kingdom), University of Zagreb (Croatia), VTT (Finland), WKI (Germany), and others.

Parque Tecnológico - Calle Benjamín Franklin, 13 Apartado nº 50 - 46980 PATERNA (Valencia) ESPAÑA Tel.: 96 136 60 70 - Fax: 96 136 61 85 E-mail: aidima@aidma.es