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Customer:	**ENEA EREDU S.COOP.**
Contact person:	**Iñaki Elizegi**
Address:	**Ola Auzoa, 4** **Legorreta (GIPUZKOA)SPAIN**

Reference:	**LOTTUS WOOD**
Characteristics:	**Stool with polypropylene seat, wooden structure and aluminium footrest**
Standard:	**UNE-EN 15373:2007 (Level 2)**

Tests	Standard/Section	Test parameters	RESULT
General safety requirements	UNE-EN 15373:2007 sec.5.1 & sec.5.2	---	**SATISFACTORY**
Seat static load and back static load test	UNE-EN 1728:2013 sec.6.4	Load applied on seat (N): 1600 Load applied on back (N): 676* No. of cycles: 10	**SATISFACTORY**
Seat Front Edge Static Load	UNE-EN 1728:2013 sec.6.5	Load applied (N): 1600 No. of cycles: 10	**SATISFACTORY**
Vertical load on backrest	UNE-EN 1728:2013 sec.6.6	Vertical Load applied (N): 600 Load applied on back (N): 1300 No. of cycles: 10	**SATISFACTORY**
Foot rest static load test	UNE-EN 1728:2013 sec.6.8	Force applied (N): 1600 No. of cycles: 10	**SATISFACTORY**
Combined seat and back durability test	UNE-EN 1728:2013 sec.6.17	Load applied on seat (N): 1000 No. of cycles: 100.000	**SATISFACTORY**
Seat front edge durability test	UNE-EN 1728:2013 sec.6.18	Load applied on seat (N): 1000 Load applied on back (N): 362,5* No. of cycles: 50.000	**SATISFACTORY**
Foot rest durability test	UNE-EN 1728:2013 sec.6.21	Force applied (N): 1000 No. of cycles: 50.000	**SATISFACTORY**
Leg forward static load test	UNE-EN 1728:2013 sec.6.15	Force applied (N): 110* Load applied on seat (N): 1300 No. of cycles: 10	**SATISFACTORY**

Tests	Standard/Section	Test parameters		RESULT
Leg sideways static load test	UNE-EN 1728:2013 sec.6.16	Force applied (N): Load applied on seat (N): No. of cycles:	250* 1300 10	**SATISFACTORY**
Seat impact test	UNE-EN 1728:2013 sec.6.24	Impact height (mm): No. of cycles:	240 10	**SATISFACTORY**
Back impact test	UNE-EN 1728:2013 sec.6.25	Drop height (mm/º): No. of cycles:	330/48 10	**SATISFACTORY**

Notes:

- The tests have been carried out according to the test methods described in UNE-EN 1728:2013 even if UNE-EN 15373:2007 makes reference to UNE-EN 1728:2001.
- For the test in sec.6.4 of UNE-EN 1728:2013,the horizontal force to apply was calculated as 676 N*, because the force application point in the backrest, due to its geometry, is located lower than the point the loading position template determines.
- In the test of sec.6.17 of UNE-EN 1728:2013, the horizontal force to apply was calculated as 362,5 N*, because the force application point in the backrest, due to its geometry, is located lower than the point the loading position template determines.
- In order to carry out the test of sec.6.15 of UNE-EN 1728:2013, the horizontal force to apply was reduced to 110 N*, because when applying 500 N the stool overturned.
- In order to carry out the test of sec.6.16 de UNE-EN 1728:2013, the horizontal force to apply is reduced to 250 N*, because when applying 490 N the stool overturned.

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