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Bellaterra	:	8 September, 2025
Test Report	:	**25/32306960**
Petitioner's reference	:	**PIT-TO-TABLE** CIF: 4500233015

TEST REPORT

Sample Nº: 25/35500

SUBJECT REQUESTED:

On 21 July 2025, LGAI received a sample of recycled test samples of different sizes with the following references, according to the Petitioner:

RECYCLED OLIVE PIT BOARDS
6 test specimens measuring 1050x50 mm



REQUESTED TESTS:

- Determination of modulus of elasticity in bending and resistance to bending.
UNE-EN 310:1993

DATE OF TESTING: from 21/07/2025 to 05/09/2025.

RESULTS: See attached pages.

Firmado digitalmente por JUAN MARTINEZ EGEA

Responsible for Construction Materials
LGAI Technological Center,S.A.

Firmado digitalmente por MANUEL LUQUE GAMA

Responsible Technician
LGAI Technological Center,S.A.

The results included in this document refer exclusively to the indicated materials and has been tested according to the specifications given. LGAI Technological Center, S.A. is not responsible for the documentation provided by the applicant. If the laboratory doesn't manufacture the test specimens, it is not responsible for the effect this may have on the results obtained.

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RESULTS:

- Determination of modulus of elasticity in bending and resistance to bending. UNE-EN 310:1993

- The petitioner sends the cut samples, a total of six specimens measuring 1050 x 50 mm.

- The test specimens are conditioned to a constant mass at an average relative humidity of (65±5) % and a temperature of (20±2) ºC. A constant mass is considered to have been reached when two consecutive weighings, carried out within a 24-hour period, do not differ by more than 0.1% of the mass of the test specimen.

- The test piece shall be placed with its face resting on the supports and with its longitudinal axis perpendicular to the supports. The load shall be applied to the centre of the test piece.

- The loading rate during the test shall be constant and adjusted so that the maximum load is reached in (60±30) seconds.

- The deformation shall be measured at the centre of the test piece with an accuracy of 0.1 mm.

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$$E_m = \frac{l_1^3 \text{ x } (F_2 - F_1)}{4bt^3 (a_2 - a_1)} \text{x } 100$$

- The flexural strength fm (N/mm²) expressed to 3 significant figures for each test piece is calculated according to the formula:

$$f_m = \frac{3 \text{ x } F_{max.} \, x \, l_1}{2bt^2}$$

Sample (Nº)	Width, b (mm)	Thickness , t (mm)	Distance axes, l_1 (mm)	Maximum strength (N)	Flexural Strength f_m (N/mm²)	Modulus of elasticity, E_m (N/mm²)
1	49,88	20,43	400	579	16,7	2346
2	50,24	20,12		578	17,1	2530
3	50,36	20,10		681	20,1	2657
4	50,29	19,73		595	18,2	2664
5	49,85	20,50		614	17,6	2412
6	50,04	20,06		597	17,8	2381
				AVERAGE	**17,9**	**2498**

Quality Assurance Service

Applus+, ensures that this work has been done within the requirements of our Quality System and Sustainability, having fulfilled the contractual and legal regulations.

As part of our improvement program, please let us pass on any comments they consider appropriate, contact the person responsible for signing that letter, or the Director of Quality of Applus+, at: satisfaccion.cliente@applus.com