

**KASTAMONU****TECHNICAL DATA SHEET
PARTICLEBOARDS
Board type P2 / Emission Class E1**

KASTAMONU BULGARIA JSC, 24 Shipchenska epopeya, Str. Stara Zagora / Pavel Banya / Gorno Sahrane
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This document has been prepared in accordance with Standard EN ISO/IEC 17 050-1

This product is manufactured in accordance with Standard EN 312

№	Mechanical properties and general tolerances	Test method	Unit	Requirements				
				Thickness range (mm, nominal)				
				≥ 8 to 13	> 13 to 20	> 20 to 25	> 25 to 32	> 32 to 40
1	Tolerances on nominal dimensions	EN 324-1						
	-Thickness (sanded) within and between boards		mm	± 0.3				
	- Length and width		mm	± 5				
	- Tolerances on the mean density within a board		kg/m ³	± 10				
2	Edge straightness tolerance	EN 324-2	mm/m	≤ 1.5				
3	Squareness tolerance	EN 324-2	mm/m	≤ 2				
4	Moisture content	EN 322	%	5 - 13 %				
5	Density	EN 323	kg/m ³	670-650	650-630	630-610	610-585	585-550
6	Bending strength	EN 310	N/mm ²	≥ 11	≥ 11	≥ 10.5	≥ 9.5	≥ 8.5
7	Modulus of elasticity in bending	EN 310	N/mm ²	≥ 1800	≥ 1600	≥ 1500	≥ 1350	≥ 1200
8	Tensile strength	EN 319	N/mm ²	≥ 0.40	≥ 0.35	≥ 0.30	≥ 0.25	≥ 0.20
9	Surface soundness	EN 311	N/mm ²	≥ 0.8				
10	Thickness swelling (2 h.)	EN 317	%	≤ 15				
11	Water absorption (2 h.)	EN 317	%	≤ 65				
12	Screw hold edge	EN 320	N	≥ 450				
13	Formaldehyde release according to EN 13986 - Class E1 Perforator value	EN 12460-5 (EN 120)	mg/100 g	≤ 8 mg/100 g.				

NOTE: The values are characterised by a moisture content in the material corresponding to a relative humidity of 65 % and a temperature of 20 °C.

NOTE: Upon customer's demand we may offer FSC™ certified products. FSC certified products are specified in the invoice.

Application: Particle boards, three-layered, flat-pressed.
- type P2 for interior fitmens (including furniture) for use in dry conditions.

Delivery dimensions (mm) (length and width)

- 1830 - 3660
- 1830 - 2440
- 2070 - 2800



Elaborated: **Quality Control Manager**

Nefize Seydi

Approved: **General Manager**

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