

EN 312: Particle Board type P2		PB E1		Creation Date: 01-11-2018				
Product Specific Value	Specific Value	Standard	Unit	Thickness [mm]				
				10-13	>13-20	>20-25	>25-32	>32-38
	Raw Density	EN 323	[kg/m ³]	≥ 640	≥ 610	≥ 600	≥ 590	≥ 580
Tolerance on the mean density within a board	EN 323	[%]	±10					
Internal Bond	EN 319	[N/mm ²]	≥ 0,40	≥ 0,35	≥ 0,30	≥ 0,25	≥ 0,20	
Bending Strenght	EN 310	[N/mm ²]	≥ 11,0	≥ 11,0	≥ 10,5	≥ 9,5	≥ 8,5	
Modulus of elasticity in bending	EN 310	[N/mm ²]	≥ 1800	≥ 1600	≥ 1500	≥ 1350	≥ 1200	
Surface soundness	EN 311	[N/mm ²]	≥ 0,80					
Formaldehyde	EN 12460-5	[mg/100g]	≤ 8,0					
Moisture Content	EN 322	[%]	5 - 13					
Length	EN 324-1	[mm]	± 5mm					
Width	EN 324-1	[mm]	± 5mm					
Straightness tolerance	EN 324-2	[mm/m]	≤ 1,5					
Squareness tolerance	EN 324-2	[mm/m]	≤ 2,0					
Thickness tolerance (sanded)	EN 324-1	[mm]	± 0,3					

Prepared: O. Drul (Head of laboratory, Kronospan UA)


