

## Particleboard HOMOGEN EN 312 P2 E1

Version: 1

Codierung: PI-4064

Gültig ab: 20.06.2014

Classification: boards for interior furnishing, for use under dry conditions  
 Grade: regular, sanded both sides

Properties	Test Method	Unit	Thickness range [mm]	Specification
Tolerance thickness within and between boards	EN 324-1	mm	6 - 43	± 0,3
Tolerance length and width	EN 324-1	mm	6 - 43	± 5
Squareness	EN 324-2	mm	6 - 43	≤2 per m
Moisture content	EN 322	%	6 - 43	5 - 13
Formaldehyde content class E1	EN 120	mg/100g	6 - 43	max. 8,0
Bending strength	EN 310	N/mm <sup>2</sup>	6 - 20	min. 11,0
			>20 - 25	10,5
			>25 - 32	9,5
			>32 - 40	8,5
			>40 - 43	7,0
Modulus of elasticity	EN 310	N/mm <sup>2</sup>	6 - 13	min. 1.800
			>13 - 20	1.600
			>20 - 25	1.500
			>25 - 32	1.350
			>32 - 40	1.200
			>40 - 43	1.050
Internal bond	EN 319	N/mm <sup>2</sup>	6 - 13	min. 0,40
			>13 - 20	0,35
			>20 - 25	0,30
			>25 - 32	0,25
			>32	0,20
Surface soundness	EN 311	N/mm <sup>2</sup>	6 - 43	min. 0,8