



"TUTTOPIOPPO" 100% POPLAR PARTICLEBOARD

This technical sheet is not a contract reference document. Given average values are linked to internal tests effected in our company (unless differently precised) and are subject to changes without any previous advise in accordance to production requirements.

Physical-mechanical properties (1)	Reference standard rule	Measure unit	Thickness (mm)							
			10	14	18	25	40	50	56	60
Density	EN 323	kg/m ³	535	500	490	490	480	450	430	430
Resistenza a flessione	EN 310	N/mm ²	11	11	11	10,5	8,5	7	7	7
Modulus of elasticity in bending	EN 310	N/mm ²	1800	1600	1600	1500	1200	1050	1050	1050
Resistance to tension	EN 319	N/mm ²	0,40	0,35	0,35	0,30	0,20	0,20	0,20	0,20
Surface soundness of particleboards	EN 311	N/mm ²	0,8							
Resistance to axial withdrawal of screws	EN 320	N	700 ±5%							
Moisture content	EN 322	%	9±2							
Percentage swelling in thickness (max % after 24h)	EN 317	%	< 18							
Average formaldehyde release	EN ISO 12460 - 5	mgHCHO/100g	< 8 (Class E1)							
	ASTM E 1333	ppm	< 0,09 (phase 2) - available on request							
	EN 16516	ppm	< 0,1 UBA - BAnz AT 26.11.2018 B2 - available on request							
Composition of the panel	Panel composed by poplar wood particles									
Glue types	Resin composed by urea and formaldehyde (E1)									
	Resin composed by urea and formaldehyde reinforced with melamine (CARB phase 2) available on request									
Tolerances for dimensions	EN 324-1/2	Conformity to dimensional tolerances of plywood panels for length, width, thickness, squareness and edge straightness								
Panel calssification	EN 312	Boards for interior fitments (including furniture) for use in dry conditions (Type P2)								

⁽¹⁾ Technical features report indicative average values of poplar particleboard, urea based glue line, referring to an average wood moisture content of 9% +/- 2%, realized using wood from the I-214 clone. These values are in conformity to the EN 312 rule - Particleboards Specifications.

Firma RGQ

COMPENSATI E TRUCIOLARI DI PIOPPO - POPLAR PLYWOOD AND PARTICLEBOARD

