

Boards



- Block Board
- Hard Board
- Particle Board

Particle Board

Particle board is a manufactured board that is often used in furniture because it can be made cheaply and is more affordable than solid timber but has a similar look.

It is a good alternate option when buying furniture to a budget because it gives the impression of solid timber and it usually lasts for long periods of time if looked after and taken care of well, like all solid timber.

Products: Particle Board

Standard Size: 1220mm x 2440mm or 1525mm x 2440mm
or 1830mm x 2440mm

Thickness: 3.0mm to 36mm

Species Core: Poplar & pine

Glue: E1 or E2

Density: 640 to 680kg

Melamine Particle Boards: Any Color, One Side or Two Side

Sr.No	Property	Unit	Standard	Value of Test	Result
1	Combine the intensity inside	Mpa	≥ 0.50	0.56	Check out
2	Static bending strength	Mpa	≥ 22	28	Check out
3	Elastic modulus	Mpa	≥ 2500	2820	Check out
4	Screw strength	N	Face ≥ 1000	1230	Check out
			Edge ≥ 800	900	
5	Thickness swelling rate	%	≤ 12	10	Check out
6	Density	KG/M ³	≥ 700	730	Check out
7	Moisture	%	6-12	8	Check out
8	Formaldehyde Content/Emission	Mg/100g	$\leq 30\text{mg}/100\text{g}(\text{E2})$	18	Check out
9	Test conclusion	The quality of products comply with various standards like GB/T9846-2004 and EN314-1:2004			

