SAAN BOARDS PRIVATE LIMITED

Technical Specification of our Pressboard

Reference Standard	IEC 60641 – Part 3, Grade B.3.1		
General			
Color & Appearance	Hard rigid sheet light brown in colour with wire mesh marks on both sides		
Raw Material	100% Unbleached Sulphate Softwood Pulp		
Nominal Size	2200 mm X 1170 mm (2.20 meter X 1.16 meter)		
Thickness	0.5, 0.8, 1.0, 1.5, 2.0, 3.0, 4.0, 5.0, 6.0mm		
Thickness tolerance %	mm ≤1.6 >1.6	 ± 7.5 ± 5.0	
Physical Properties			
Density, g/cc, range	mm ≤1.6 > 1.6 - 3.0 > 3.0 - 6.0	 1.00 - 1.20 1.10 - 1.25 1.15 - 1.30	
Moisture content, %, max	6		
Ash content, %, max	1.0		
Shrinkage, %, max	MD 0.5	CMD 0.7	Thickness 5.0
Oil absorption, %, min	mm ≤1.6 > 1.6 - 3.0 > 3.0 - 6.0	 11.0 9.0 7.0	
Cohesion between plies	Pass – split would show rupture of one or more plies and would have distinctly ragged appearance.		
pH of. Aqueous extract, range	6.0 - 9.0		
Mechanical			
Tensile Strength, Mpa, mim	mm ≤1.6 > 1.6 - 3.0 > 3.0 - 6.0	MD 100 105 110	CMD 75 80 85
Elongation, %, min	mm ≤1.6 - 6.0	MD 3.0	CMD 4.0
Compressibility C, %, max	mm ≤1.6 > 1.6 - 3.0 > 3.0 - 6.0	 10 7.5 5.0	

Reversible part of Compressibility C_{rev}, %, min	mm ≤1.6 > 1.6 - 6.0	 45 50	
Electrical			
Conductivity of aqueous extract, mS/m, max	mm ≤1.6 > 1.6 - 3.0 > 3.0 - 6.0	 5.0 6.0 8.0	
Electric strength, kV/mm, min	mm ≤1.6 > 1.6 - 3.0 > 3.0 - 6.0	In Air 12 11 10	In Oil 40 35 30

Standard thickness of solid pressboard

0.8, 1.0, 1.5, 2.0, 3.0, 4.0, 5.0mm