



## AGRO FIBER CO.,LTD.

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### PHYSICAL PROPERTIES OF HIGH DENSITY FIBER BOARD (HDF) A GRADE

PROPERTIES	TEST METHODS	UNITS	RANGES OF NORMAL THICKNESS (mm)			
			2.5 - 4.0	> 4.0 - 6.0	> 6.0 - 9.0	> 9.0 - 12.0
THICKNESS TOLERANCE	EN 324-1	mm	+ 0.2			
DENSITY	EN 323	Kg/m <sup>3</sup>	850 - 920			
INTERNAL BONDING	EN 319	N/mm <sup>2</sup>	≥ 1.5	≥ 1.5	≥ 1.4	≥ 1.2
SWELLING IN THICKNESS (AFTER 24 hr. SOAKING)	EN 317	%	≤ 25	≤ 18	≤ 10	≤ 9
MODULUS OF RUPTURE	EN 310	N/mm <sup>2</sup>	≥ 45	≥ 45	≥ 40	≥ 35
MODULUS OF ELASTICITY	EN 310	N/mm <sup>2</sup>	≥ 3500	≥ 3500	≥ 3000	≥ 3000
MOISTURE CONTENT	EN 322	%	4 - 11			
WIDTH & LENGTH TOLERANCE	EN 324-1	mm	± 2.0			
STANDARD SIZE		mm	1230 x 2450			
<b>FORMALDEHYDE CONTENT</b>						
E1 CLASS	ISO 12460-5	mg/100g oven dry board	≤ 8			
E2 CLASS	ISO 12460-5	mg/100g oven dry board	≤ 30			

For Domestic