



LAMINATES PVT. LTD.

DATE: 01/08/2021

TECHNICAL SPECIFICATION SHEET

Product: White Coated Duplex Board
 Grade: HWC GB
 Brand name: Orchid Gold
 GSM Range: 230 To 450

Parameters	Unit	Tolerance	Value										
Substance	GSM	±3%	230	250	285	300	320	350	360	380	400	450	
Calliper	Micron	±5%	272	295	340	360	384	420	432	456	484	545	
Bulk	Cc/gm	±5%	1.18	1.18	1.19	1.20	1.20	1.20	1.20	1.20	1.21	1.21	
BF		±1	17	17	17	17	17	17	17	17	--	--	
Cobb Value Top	Gm/m ²	±5	35	35	35	35	35	35	35	35	35	35	
Bottom			35	35	35	35	35	35	35	35	35	35	
Coat Wt.	GSM	±1	20	20	20	20	20	20	20	20	20	20	
Stiffness	Gm.cm	±5%											
MD			50	58	82	95	110	135	145	165	200	225	
CD			24	28	40	45	50	65	70	80	95	105	
Ratio			2.1:1	2.1:1	2.1:1	2.1:1	2.2:1	2.1:1	2.1:1	2.1:1	2.1:1	2.1:1	
Brightness	%	±1	78	78	78	78	78	78	78	78	78	78	
Gloss	%	±5	45	45	45	45	45	45	45	45	45	45	
SOA(Min)	Sec	±50	600	600	600	600	600	600	600	600	600	600	
Ply Bond	Ft.lb/1000	±5	80	85	90	90	90	90	90	90	95	95	
Wax Pick	No		8A	8A	8A	8A	8A	8A	8A	8A	8A	8A	
Moisture	%	±.2%	6.2	6.3	6.5	6.8	6.8	7.0	7.0	7.2	7.2	7.5	