

ORCHID DIAMOND

White Coated Duplex Board

HWC/WB

GSM Range: 230-450

Technical Specification Sheet

Parameter	Unit	Tolerance	Value								
Basic Weight	GSM	±3%	230	250	285	300	320	350	400	450	
Calliper	Micron	±5%	260	285	335	360	390	430	495	560	
Bulk	cc/gm	±5%	1.10	1.14	1.16	1.18	1.20	1.20	1.20	1.20	
BF			16	16	16	16	16	16	16	16	
Cobb Value (Max)	gm/m ²		T-30 B-40	T-30 B-40	T-30 B-40	T-30 B-40	T-30 B-40	T-30 B-40	T-30 B-40	T-30 B-40	
Coat Wt.	GSM	±1	20/06	20/06	20/06	20/06	20/06	20/06	20/06	20/06	
Stiffness	gm.cm	±5%									
MD			45	55	75	95	110	140	190	240	
CD			22	27	35	45	50	70	90	120	
Ratio			2.0	2.0	2.1	2.1	2.2	2.0	2.1	2.0	
Brightness	%	±1	79/74	79/74	79/74	79/74	79/74	79/74	79/74	79/74	
Gloss	%	±5	45/20	45/20	45/20	45/20	45/20	45/20	45/20	45/20	
SOA (Min)	Sec		600/150	600/150	600/150	600/150	600/150	600/150	600/150	600/150	
Smoothness	MI/min	±30	120/400	120/400	120/400	120/500	150/500	150/500	150/500	150/500	
Wax Pick			7A Clear	7A Clear	7A Clear	7A Clear	7A Clear	7A Clear	7A Clear	7A Clear	
Moisture	%		6.5	6.5	6.8	7.0	7.0	7.5	8.0	8.0	

CONSTRUCTON

