

ORCHID LITE

White Coated Duplex Board Grey Back
LWC

GSM Range: 200 - 450
Technical Specification Sheet

Parameter	Unit	Tolerance	Value								
Basic Weight	GSM	±3%	200	230	250	285	300	320	360	370	400
Calliper	Micron	±5%	240	280	300	355	375	405	455	465	505
Bulk	cc/gm	±5%	1.20	1.20	1.20	1.25	1.25	1.25	1.26	1.26	1.26
BF			16	16	16	16	16	16	16	16	16
Cobb Value (Max)	gm/m ²		T-35 B-45	T-35 B-45	T-35 B-45	T-35 B-45	T-35 B-45	T-35 B-45	T-35 B-45	T-35 B-45	T-35 B-45
Coat Wt.	GSM	±1	06	06	06	06	06	06	06	06	06
Stiffness	gm.cm	±5%									
MD			40	50	65	90	100	115	155	190	215
CD			18	25	30	45	50	50	70	90	100
Ratio			2.2	2.0	2.1	2.1	2.2	2.3	2.2	2.1	2.1
Brightness	%	±1	74	74	74	74	74	74	74	74	74
Gloss	%	±5	20	20	20	20	20	20	20	20	20
SOA (Min)	Sec		300	300	300	300	300	300	250	250	250
Smoothness	MI/min	±30	250	250	250	300	300	300	350	350	400
Wax Pick			7A Clear	7A Clear	7A Clear	7A Clear	7A Clear	7A Clear	7A Clear	7A Clear	7A Clear
Moisture	%		5.8	6.5	6.5	6.8	7.0	7.0	7.5	7.5	8.0

CONSTRUCTION



TOP COAT
PRE COAT
SIZE COAT
TOP LAYER
PROTECTIVE LAYER
FILLER LAYER
BOTTOM LAYER
SIZE COAT

Printed on
Orchid Lite
230 GSM