

## TECHNICAL DATA SHEET FOR DUPLEX BOARD GREY BACK

<b>Super Dragon</b>						
Basis Weight	GSM	250	300	350	400	450
Weight Range	(gsm)	±10	±10	±10	±10	±10
Thickness	(m/m)	0.31±0.02	0.37±0.03	0.43±0.02	0.5±0.02	0.56±0.02
Density	(g/cm <sup>3</sup> )	≤0.8	≤0.8	≤0.8	≤0.8	≤0.8
Moisture	(%)	6±1.0	6.5±1.0	7±1.0	7.5±1.0	8.0±1.0
Gloss	(%)	85	85	85	85	85
Brightness,Whiteness	(%)	≥82	≥82	≥82	≥82	≥82
Smoothness	(S)	≥100	≥100	≥100	≥100	≥100
Coating Weight	(g/m <sup>2</sup> )	35	35	35	35	35
Dispersion of basic weight at landscape orientation	(%)	7.0	7.5	8.0	8.5	9.0
Sizing	(g/m <sup>2</sup> )	15-20	15-20	15-20	15-20	15-20
Stiffness Taber (CD)	(mN.m)	≥2.9	≥5.1	≥6.3	≥9.0	≥12.1
(MD)	(mN.m)	≥6.7	≥8.9	≥15.7	≥18.7	≥26.5
Folding endurance	(times)	≥10	≥10	≥10	≥10	≥10
Absorption capability of Ink	(%)	18-30	18-30	18-30	18-30	18-30
<b>Eastern Dragon</b>						
Basis Weight	GSM	250	300	350	400	450
Weight Range	(gsm)	±10	±10	±10	±10	±10
Thickness	(m/m)	0.29±0.02	0.35±0.03	0.41±0.02	0.48±0.02	0.54±0.02
Density	(g/cm <sup>3</sup> )	≤0.8	≤0.8	≤0.8	≤0.8	≤0.8
Moisture	(%)	6±1.0	6.5±1.0	7±1.0	7.5±1.0	8.0±1.0
Gloss	(%)	85	85	85	85	85
Brightness,Whiteness	(%)	≥82	≥82	≥82	≥82	≥82
Smoothness	(S)	≥100	≥100	≥100	≥100	≥100
Coating Weight	(g/m <sup>2</sup> )	35	35	35	35	35
Dispersion of basic weight at landscape orientation	(%)	7.0	7.5	8.0	8.5	9.0
Sizing	(g/m <sup>2</sup> )	15-20	15-20	15-20	15-20	15-20
Stiffness Taber (CD)	(mN.m)	≥2.9	≥5.1	≥6.3	≥9.0	≥12.1
(MD)	(mN.m)	≥6.7	≥8.9	≥15.7	≥18.7	≥26.5
Folding endurance	(times)	≥10	≥10	≥10	≥10	≥10
Absorption capability of Ink	(%)	18-23	18-23	18-23	18-23	18-23
<b>Golden Dragon</b>						
Basis Weight	GSM	250	300	350	400	450
Weight Range	(gsm)	±10	±10	±10	±10	±10
Thickness	(m/m)	0.28±0.02	0.34±0.03	0.40±0.02	0.46±0.02	0.52±0.02
Density	(g/cm <sup>3</sup> )	≤0.8	≤0.8	≤0.8	≤0.8	≤0.8
Moisture	(%)	6±1.0	6.5±1.0	7±1.0	7.5±1.0	8.0±1.0
Gloss	(%)	80	80	80	80	80
Brightness,Whiteness	(%)	≥78	≥78	≥78	≥78	≥78
Smoothness	(S)	≥100	≥100	≥100	≥100	≥100
Coating Weight	(g/m <sup>2</sup> )	45	45	45	45	45
Dispersion of basic weight at landscape orientation	(%)	7.0	7.5	8.0	8.5	9.0
Sizing	(g/m <sup>2</sup> )	15-20	15-20	15-20	15-20	15-20
Stiffness Taber (CD)	(mN.m)	≥2.0	≥4.1	≥5.2	≥7.8	≥9.6
(MD)	(mN.m)	≥6.0	≥7.8	≥11.7	≥15.6	≥20.4
Folding endurance	(times)	≥8	≥8	≥8	≥8	≥8
Absorption capability of Ink	(%)	18-23	18-23	18-23	18-23	18-23