■ Duplex Board Quality Standard (Grey Back)

TEST ITEM	UNIT	STANDARD & RANGE														TESTER	TEST METHOD
Substance	g/㎡	230	240	250	260	280	300	330	350	380	400	430	450	500	550	Electronic Scale OHAUS(U.S.A)	ISO 534:1995 (KSM 7013)
		±5%															
Thickness	㎛	275	290	305	315	350	375	420	450	480	525	560	580	660	730	Micro Meter Mitutoyo(JAPAN)	ISO 534:1988 (KSM 7021)
		±15㎛															
Smoothness	sec	100 ↑					90 ↑					70 ↑				Bekk-Type BUCHEL(Netherlande)	ISO 5627:1996 (KSM 7028)
Stiffness	MD	70	80	90	100	130	140	170	190	240	280	350	380	480	580	Taber-Type N.T.Y(U.S.A)	ISO 5628:1990 (KSM 7123)
	CD	25	30	32	350	45	55	75	90	100	110	140	170	200	240		
	g.cm	±5%															
Brightness	(MgO%)	87±1%														Hunter-Type Minolta(JAPAN)	ISO 2470:1999 (KSM 7026)
Gloss (%)	%	50% ↑														Pro Gloss	ISO 8254-1:1999 (KSM 7054)
Cobb	g/㎡	50 ±20 g/㎡															ISO 535:1991 (KSM 7054)
Picking (FiNE Wax)	A	8 ↑															T 459- om-93 (KSM 7050)
Test Condition		Humidity:65±2% , Temperature:20±2℃														Thermohygrograph Sato Kelryoki(JAPAN)	ISO 187:1990 (KSM 7012)

■ Duplex Board Quality Standard (White Back)

TEST ITEM	UNIT	STANDARD & RANGE														TESTER	TEST METHOD
Substance	g/㎡	230	240	250	260	280	300	330	350	380	400	430	450	500	550	Electronic Scale OHAUS(U.S.A)	ISO 534:1995 (KSM 7013)
		±5%															
Thickness	㎛	275	290	305	315	350	375	420	450	480	525	560	580	660	730	Micro Meter Mitutoyo(JAPAN)	ISO 534:1988 (KSM 7021)
		±15㎛															
Smoothness	sec	100 ↑					90 ↑					70 ↑				Bekk-Type BUCHEL(Netherlande)	ISO 5627:1996 (KSM 7028)
Stiffness	MD	70	80	90	100	130	140	170	190	240	280	350	380	480	580	Taber-Type N.T.Y(U.S.A)	ISO 5628:1990 (KSM 7123)
	CD	25	30	32	350	45	55	75	90	100	110	140	170	200	240		
	g.cm	±5%															
Brightness	(MgO%)	87±1%(BACK:79%)														Hunter-Type Minolta(JAPAN)	ISO 2470:1999 (KSM 7026)
Gloss (%)	%	50% ↑														Pro Gloss	ISO 8254-1:1999 (KSM 7054)
Cobb	g/㎡	50 ±20 g/㎡															ISO 535:1991 (KSM 7054)
Picking (FiNE Wax)	A	8 ↑															T 459- om-93 (KSM 7050)
Test Condition		Humidity:65±2% , Temperature:20±2℃														Thermohygrograph Sato Kelryoki(JAPAN)	ISO 187:1990 (KSM 7012)