

Poplar C1S BOARD / FBB / IVORY BOARD, SPECIFICATION

Caliper	PT	9.7±0.2	10.6±0.2	12±0.2	13.2±0.2	14±0.2	16.1±0.2	18.9±0.2	21.3±0.2
Grammage	g/m ²	190±4	210±4	230±4	250±4	270±4	300±4	350±6	400±6
Caliper	um	245±5	270±5	305±5	335±5	356±5	410±5	480±5	540±5
Bulk	cm ³ /g	1.29	1.29	1.33	1.34	1.32	1.37	1.37	1.35
Brightness top/bottom	%	89±1 / 86±1	89±1 / 86±1	89±1 / 86±1	89±1 / 86±1	89±1 / 86±1	89±1 / 86±1	89±1 / 86±1	89±1 / 86±1
Water Absorption T/C/B	g/m ²	≤50/≤100/≤50	≤50/≤100/≤50	≤50/≤100/≤50	≤50/≤100/≤50	≤50/≤100/≤50	≤50/≤100/≤50	≤50/≤100/≤50	≤50/≤100/≤50
ply bond	J/m ²	≥120	≥120	≥120	≥120	≥120	≥120	≥120	≥120
Gloss	%	≥42	≥42	≥42	≥42	≥42	≥42	≥42	≥42
Roughness PPS	um	≤1.7	≤1.7	≤1.7	≤1.7	≤1.7	≤1.7	≤1.7	≤1.7
Stiffness	mN·m	>3.5/1.8	>4.5/2.6	>6.5/3.2	>8.0/4.2	>11/5.9	>14/7.5	>22/10.5	>30/14.8
Printing Surface strength/IGT	m/s	≥1.8	≥1.8	≥1.8	≥1.8	≥1.8	≥2.0	≥2.0	≥2.0
Ink absorption / K&N	%	20±3	20±3	20±3	20±3	20±3	20±3	20±3	20±3
Moisture	%	8.0±0.3	8.0±0.3	8.0±0.3	8.0±0.3	8.0±0.3	8.3±0.3	8.3±0.3	8.3±0.3
Folding Times		≥28	≥28	≥28	≥28	≥28	≥28	≥28	≥28
Shade T/B	a	1.5±0.5/1.2±0.5	1.5±0.5/1.2±0.5	1.5±0.5/1.2±0.5	1.5±0.5/1.2±0.5	1.5±0.5/1.2±0.5	1.5±0.5/1.2±0.5	1.5±0.5/1.2±0.5	1.5±0.5/1.2±0.5
	b	-4.5±0.5/-1.2±0.5	-4.5±0.5/-1.2±0.5	-4.5±0.5/-1.2±0.5	-4.5±0.5/-1.2±0.5	-4.5±0.5/-1.2±0.5	-4.5±0.5/-1.2±0.5	-4.5±0.5/-1.2±0.5	-4.5±0.5/-1.2±0.5
Curl	mm	-5~15	-5~15	-5~15	-5~15	-5~15	-5~15	-5~15	-5~15

Test condition: ISO Temperature: 23±1°C Humidity: 50±2%RH