

# MASTERPRINT™



Our Brewton, Alabama mill produces our MASTERPRINT™ solid bleached sulfate (SBS) grades designed for high-end folding carton applications, film and foil laminations, and other specialty folding carton end uses. The sheet provides excellent print gloss and a very smooth and uniform surface for all UV and aqueous coating applications.

Grade	Caliper (mil)	Caliper (mm)	Nominal Weight (#/3msf)	Nominal Weight (gsm)	Moisture (%)	Taber Stiffness (gf-cm)		ZDT (psi) Target
	Target	Target				MD-Target	CD-Target	
LD 12	12	0.305	144	234	5.5	98	45	50
LD 13	13	0.330	153	249	5.5	115	55	48
LD 14	14	0.356	162	264	5.5	133	65	45
LD 15	15	0.381	171	278	6.0	168	79	41
LD 16	16	0.406	180	293	6.0	187	90	39
LD 17	17	0.432	189	308	6.0	220	113	36
LD 18	18	0.457	198	322	6.0	250	118	36
LD 19	19	0.483	207	337	6.0	275	130	36
LD 20	20	0.508	216	352	6.0	322	153	36
LD 22	22	0.559	234	381	6.0	408	186	36
LD 24	24	0.610	249	405	7.0	480	229	36
LD 26	26	0.660	270	440	7.0	580	222	36

Target	
Brightness (%GE)	87.0
Color "b" Value	1.5
Sheffield (su)	< 20
Parker Print	1.0



Georgia-Pacific LLC

Brewton Mill

Description	LD 12			LD14			LD15		
	Target	Min	Max	Target	Min	Max	Target	Min	Max
Brightness Coated (% reflectance)	86	83	N/A	86	83	N/A	86	83	N/A
Basis Weight (lbs/MSF)	144	132	N/A	162	147	N/A	171	156	N/A
Roll caliper (mil)	12	11	13	14	13	15	15	14	16
Color b* (Felt)	1.50	0.90	2.00	1.50	0.90	2.00	1.50	0.90	2.00
Moisture %	5.50	4.50	6.50	5.50	4.50	6.50	6.00	5.00	7.00
Parker Print	1.00	N/A	1.50	1.00	N/A	1.50	1.00	N/A	1.50
Stiffness CD (gram centimeters)	42	29	N/A	61	43	N/A	75	55	N/A
Stiffness MD (gram centimeters)	98	70	N/A	133	93	N/A	168	116	N/A
ZDT Fiber Bond (psi)	50	30	N/A	45	30	N/A	41	30	N/A

Description	LD16			LD18			LD19		
	Target	Min	Max	Target	Min	Max	Target	Min	Max
Brightness Coated (% reflectance)	86	83	N/A	86	83	N/A	86	83	N/A
Basis Weight (lbs/MSF)	180	165	N/A	198	183	N/A	207	192	N/A
Roll caliper (mil)	16	15	14	18	17	19	19	18	20
Color b* (Felt)	1.50	0.90	2.00	1.50	0.90	2.00	1.50	0.90	2.00
Moisture %	6.00	5.00	7.00	6.00	5.00	7.00	6.00	5.50	7.00
Parker Print	1.00	N/A	1.50	1.00	N/A	1.50	1.00	N/A	1.50
Stiffness CD (gram centimeters)	85	67	N/A	112	89	N/A	130	105	N/A
Stiffness MD (gram centimeters)	187	138	N/A	250	188	N/A	275	220	N/A
ZDT Fiber Bond (psi)	39	30	N/A	36	32	N/A	36	32	N/A

Description	LD20			LD22			LD24		
	Target	Min	Max	Target	Min	Max	Target	Min	Max
Brightness Coated (% reflectance)	86	83	N/A	86	83	N/A	86	83	N/A
Basis Weight (lbs/MSF)	216	201	N/A	234	216	N/A	249	228	N/A
Roll caliper (mil)	20	19	21	22	21	23	24	23	25
Color b* (Felt)	1.50	0.90	2.00	1.50	0.90	2.00	1.50	0.90	2.00
Moisture %	6.00	5.00	7.00	6.00	5.00	7.00	7.00	6.00	8.00
Parker Print	1.00	N/A	1.50	1.00	N/A	1.50	1.00	N/A	1.50
Stiffness CD (gram centimeters)	145	114	N/A	177	152	N/A	219	181	N/A
Stiffness MD (gram centimeters)	322	241	N/A	408	323	N/A	480	348	N/A
ZDT Fiber Bond (psi)	36	32	N/A	36	32	N/A	36	32	N/A