

Print Characterization Chart

SUGGESTED Input Variables							Output Print Characteristics							
Paper/ Substrate	LPI= Line Screen	TAC= Total Area Coverage	SID= Solid Ink Density				PC= Print Contrast				TVI= Total Dot Gain %			
			K	C	M	Y	K	C	M	Y	K	C	M	Y
Grades 1 and 2 premium gloss/dull coated	175	320%	1.70	1.40	1.50	1.05	40-45	35-40	35-40	30-35	22	20	20	18
Grades 1 and 2 premium matte coated	150-175	300-320%	1.60	1.30	1.40	1.00	40-45	35-40	35-40	30-35	24	22	22	20
Premium text and cover (smooth)	150-175	260%	1.30	1.15	1.15	0.90	35-45	30-40	30-40	25-35	26	22	22	20
Grade #3 coated	150	310%	1.65	1.35	1.45	1.02	45	40	40	35	22	21	22	18
Grade #5 coated (SWOP)	133	300%	1.60	1.30	1.40	1.00	35-45	30-40	30-40	25-35	22	20	20	18
Supercal SCA+	133	280%	1.50	1.25	1.35	1.00	23	21	21	20	28	26	26	24
Supercal SCB	120	240-260%	1.35	1.10	1.15	0.95	20	19	19	18	28	26	26	24
Uncoated offset	110	240-260%	1.25	1.00	1.12	0.95	20	17	16	17	28	26	26	24
Newsprint (SNAP)	85	240%	1.05	0.90	0.90	0.85	16	13	12	15	30	30	30	30
Newsprint (heatset)	100	240%	1.20	1.08	1.15	0.95	16	13	12	15	32	32	32	32

Sources: SNAP, GRACoL, SWOP, and other industry groups