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APPENDIX

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APPENDIX

REAL ENVIRONMENT TESTING

Table A-1 ΔE of color on coated sheet under indoor and windy condition

	Exposure time (wks)	ΔE of color							
		Cyan	Magenta	Yellow	Black	Blue	Red	Green	Paper
Non coated	0	0	0	0	0	0	0	0	0
	4	12	2	1	21	8	3	12	0
	8	36	17	1	51	44	13	57	0
	12	52	28	4	78	65	25	74	0
0% HALS	0	0	0	0	0	0	0	0	0
	4	4	8	1	1	8	6	3	4
	8	17	31	6	4	29	24	3	15
	12	29	44	9	5	40	35	4	11
1% HALS	0	0	0	0	0	0	0	0	0
	4	4	8	1	1	7	6	4	4
	8	14	27	3	4	17	24	4	14
	12	25	36	8	6	33	35	4	10
2% HALS	0	0	0	0	0	0	0	0	0
	4	3	7	1	2	7	7	3	3
	8	14	27	4	6	17	24	3	15
	12	24	35	6	9	33	33	3	16

Table A-1 (Zontinued) ΔE of color on coated sheet under indoor and windy condition

	Exposure time (wks)	ΔE of color							
		Cyan	Magenta	Yellow	Black	Blue	Red	Green	Paper
4% HALS	0	0	0	0	0	0	0	0	0
	4	4	8	1	2	8	7	3	4
	8	15	26	4	6	17	25	3	15
	12	22	32	5	7	31	33	3	12
2% HALS + 1% BP	0	0	0	0	0	0	0	0	0
	4	7	8	2	4	11	9	7	6
	8	16	25	4	7	23	25	7	13
	12	22	34	6	12	36	32	7	13
2% HALS + 1% BTZ	0	0	0	0	0	0	0	0	0
	4	4	8	1	3	10	8	4	3
	8	16	27	3	7	22	25	4	15
	12	24	38	6	10	38	32	4	13

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Table A-2 ΔE of color on coated sheet under indoor and dark condition

	Exposure time (wks)	ΔE of color							
		Cyan	Magenta	Yellow	Black	Blue	Red	Green	Paper
Non coated	0	0	0	0	0	0	0	0	0
	4	1	1	2	1	3	1	2	0
	8	2	1	2	6	2	1	3	1
	12	8	4	6	12	10	2	12	1
0% HALS	0	0	0	0	0	0	0	0	0
	4	1	2	1	1	2	1	2	1
	8	2	5	0	5	6	4	2	1
	12	4	10	3	6	7	6	3	3
1% HALS	0	0	0	0	0	0	0	0	0
	4	1	2	1	1	2	2	2	1
	8	2	6	1	3	4	4	2	2
	12	4	11	2	8	5	6	4	2
2% HALS	0	0	0	0	0	0	0	0	0
	4	1	2	1	2	1	2	2	1
	8	2	7	0	4	4	4	2	2
	12	5	12	1	7	6	4	3	2
4% HALS	0	0	0	0	0	0	0	0	0
	4	2	2	2	1	2	3	3	1
	8	2	7	0	4	6	4	2	3
	12	2	12	4	6	7	5	3	5

Table A-2 (Zontinued) ΔE of color on coated sheet under indoor and dark condition

	Exposure time (wks)	ΔE of color							
		Cyan	Magenta	Yellow	Black	Blue	Red	Green	Paper
2% HALS + 1% BP	0	0	0	0	0	0	0	0	0
	4	2	3	2	3	3	3	5	1
	8	3	5	1	4	7	4	5	2
	12	5	10	3	6	8	7	6	5
2% HALS + 1% BTZ	0	0	0	0	0	0	0	0	0
	4	1	3	1	2	3	3	3	1
	8	2	6	1	3	7	4	3	1
	12	2	15	2	3	7	9	8	2

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