

Light Fastness of HYROX Iron Oxide Pigments under UV

TRIAL.	STD.	Duration (h)	ΔE	ΔL	Δa	Δb
110 Masstone II	110 Masstone I	0	/	/	/	/
		250	0.81	-0.08	-0.05	-0.63
		500	0.61	-0.27	-0.41	-0.35
		1000	0.95	-0.28	-0.63	-0.65
130 Masstone II	130 Masstone I	0	/	/	/	/
		250	0.17	-0.14	-0.07	0.06
		500	0.32	-0.09	-0.27	-0.13
		1000	0.84	-0.1	0.69	-0.48
313 Masstone II	313 Masstone I	0	/	/	/	/
		250	0.6	-0.25	0	-0.55
		500	0.67	-0.32	-0.33	-0.49
		1000	1.93	-0.18	-0.6	-1.82
330 Masstone II	330 Masstone I	0	/	/	/	/
		250	0.4	0.38	0.05	0.09
		500	0.48	0.27	0.19	0.34
		1000	0.55	0.28	0.32	0.35
835 Masstone II	835 Masstone I	0	/	/	/	/
		250	0.26	-0.02	0.19	0.17
		500	0.27	0.03	0.05	0.1
		1000	0.45	0.07	0.42	0.16
960 Masstone II	960 Masstone I	0	/	/	/	/
		250	0.37	-0.14	-0.23	-0.25
		500	0.5	-0.29	-0.21	-0.35
		1000	0.83	-0.29	-0.37	-0.69
610 Masstone II	610 Masstone I	0	/	/	/	/
		250	0.14	-0.12	0.05	-0.06
		500	0.38	-0.21	0.27	-0.16
		1000	0.5	0.13	0.17	-0.45
686 Masstone II	686 Masstone I	0	/	/	/	/
		250	0.23	0.08	0.21	0.07
		500	0.44	0.07	0.37	0.23
		1000	0.7	0.22	0.64	0.18
110 Reduction II	110 Reduction I	0	/	/	/	/
		250	0.48	-0.28	-0.29	-0.27
		500	0.52	-0.38	-0.17	-0.31
		1000	0.82	-0.54	0.34	-0.52

130 Reduction II	130 Reduction I	0	/	/	/	/
		250	0.39	-0.22	-0.18	-0.27
		500	0.42	-0.39	-0.15	-0.03
		1000	0.69	-0.65	-0.17	-0.16
313 Reduction II	313 Reduction I	0	/	/	/	/
		250	0.38	-0.31	0.09	-0.2
		500	0.7	-0.69	0.03	-0.19
		1000	0.9	-0.85	0.13	-0.26
330 Reduction II	330 Reduction I	0	/	/	/	/
		250	0.22	-0.02	0.2	-0.07
		500	0.25	-0.12	0.23	-0.02
		1000	0.41	-0.23	0.29	0.16
835 Reduction II	835 Reduction I	0	/	/	/	/
		250	0.26	-0.24	-0.09	-0.02
		500	0.47	-0.31	0.3	0.17
		1000	0.76	-0.32	0.6	0.34
960 Reduction II	960 Reduction I	0	/	/	/	/
		250	0.3	-0.29	0.08	0.01
		500	0.4	-0.38	0.01	-0.12
		1000	0.54	-0.47	-0.08	-0.26
610 Reduction II	610 Reduction I	0	/	/	/	/
		250	0.27	-0.23	0.15	-0.03
		500	0.36	-0.28	0.14	-0.18
		1000	0.36	-0.28	0.19	-0.12
686 Reduction II	686 Reduction I	0	/	/	/	/
		250	0.36	-0.14	0.3	0.13
		500	0.48	-0.21	0.4	0.16
		1000	0.66	-0.14	0.57	0.31