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TUB registration: 20201101-AEU1/AEU1L0NP.PDF /.PS
 application for evaluation and measurement of display or print output

TUB material: code=rh4ta

Ostwald optimal colours (o), maximum (m) C_{AB} for D65, $Y_N=0, Y_W=90, Y_m=520_770$

i_1, λ_1	i_2, λ_2	X	Y	Z	x	y	z	h_{xy}	i_d, λ_d	i_c, λ_c	Code	
0	405	32	561	31.49	53.78	97.34	0.1724	0.2945	0.533	193.8	16 483 37 589	Cm
6	435	32	562	28.55	54.39	80.58	0.1746	0.3326	0.4927	178.5	17 486 42 610	
10	450	32	563	23.35	55.1	49.17	0.1829	0.4317	0.3852	141.6	19 496 -1 496c	
12	460	33	565	21.28	55.49	33.31	0.1933	0.504	0.3026	124.2	21 505 -1 505c	
12	465	33	567	22.36	56.83	33.32	0.1987	0.5051	0.2961	122.8	21 506 -1 506c	
14	470	33	569	22.16	58.03	21.18	0.2186	0.5724	0.2089	111.1	24 520 -1 520c	Gm
15	475	34	573	24.05	60.12	16.8	0.2382	0.5953	0.1664	105.6	25 528 -1 528c	
16	480	36	580	28.23	63.83	13.47	0.2674	0.6048	0.1276	99.2	27 537 -1 537c	
17	485	39	595	39.58	71.51	11.03	0.3241	0.5855	0.0903	87.4	29 548 -1 548c	
18	490	-1	490c	70.02	84.64	9.22	0.4272	0.5164	0.0562	58.5	33 565 11 459	max
19	495	-1	495c	69.98	83.35	7.82	0.4342	0.5171	0.0485	57.1	33 566 12 462	
20	500	-1	500c	69.96	81.72	6.74	0.4416	0.5158	0.0425	55.3	33 567 12 464	
22	510	-1	510c	69.85	77.28	5.33	0.4581	0.5068	0.035	50.6	33 569 13 469	
23	520	-1	519c	69.66	74.43	4.92	0.4674	0.4995	0.033	47.7	34 570 14 471	Ym
25	530	-1	529c	68.68	67.57	4.41	0.4882	0.4803	0.0314	40.7	34 573 15 475	
27	540	-1	539c	66.72	59.67	4.15	0.511	0.4571	0.0318	32.8	35 577 15 478	
28	545	-1	544c	65.33	55.55	4.08	0.5228	0.4445	0.0326	28.7	35 579 15 479	
29	550	-1	549c	63.64	51.35	4.03	0.5347	0.4313	0.0338	24.7	36 582 16 480	
30	555	-1	554c	61.66	47.14	4.0	0.5465	0.4179	0.0354	20.8	36 584 16 481	
32	560	-1	560c	56.8	39.03	3.96	0.5691	0.391	0.0397	13.6	37 589 16 483	
32	561	0	405	63.55	46.21	11.54	0.5238	0.3809	0.0951	13.8	37 589 16 483	Rm
32	562	6	435	66.48	45.6	28.3	0.4735	0.3248	0.2016	358.5	42 610 17 486	
32	563	10	450	71.69	44.89	59.71	0.4066	0.2546	0.3387	321.6	-1 496c 19 496	
33	565	12	460	73.75	44.5	75.57	0.3805	0.2295	0.3898	304.3	-1 505c 21 505	
33	567	12	465	72.68	43.16	75.56	0.3797	0.2254	0.3947	302.9	-1 506c 21 506	
33	569	14	470	72.87	41.96	87.7	0.3598	0.2071	0.433	291.1	-1 520c 24 520	Mm
34	573	15	475	70.98	39.87	92.08	0.3497	0.1964	0.4537	285.6	-1 528c 25 528	
36	580	16	480	66.81	36.16	95.41	0.3367	0.1822	0.4809	279.3	-1 537c 27 537	
39	595	17	485	55.46	28.48	97.85	0.305	0.1567	0.5382	267.4	-1 548c 29 548	
-1	490c	18	490	25.01	15.35	99.66	0.1786	0.1096	0.7117	238.5	11 459 33 565	min
-1	495c	19	495	25.05	16.64	101.06	0.1755	0.1166	0.7078	237.1	12 462 33 566	
-1	500c	20	500	25.07	18.27	102.14	0.1723	0.1256	0.702	235.4	12 464 33 567	
-1	510c	22	510	25.18	22.71	103.55	0.1662	0.1499	0.6837	230.7	13 469 33 569	
-1	519c	23	520	25.38	25.56	103.96	0.1638	0.165	0.6711	227.7	14 471 34 570	Bm
-1	529c	25	530	26.35	32.42	104.47	0.1614	0.1986	0.6399	220.7	15 475 34 573	
-1	539c	27	540	28.32	40.32	104.73	0.1633	0.2325	0.604	212.8	15 478 35 577	
-1	544c	28	545	29.7	44.44	104.81	0.1659	0.2483	0.5856	208.8	15 479 35 579	
-1	549c	29	550	31.39	48.64	104.85	0.1697	0.2631	0.567	204.7	16 480 36 582	
-1	554c	30	555	33.38	52.85	104.88	0.1746	0.2765	0.5488	200.8	16 481 36 584	
-1	560c	32	560	38.24	60.96	104.92	0.1873	0.2986	0.5139	193.6	16 483 37 589	
W0	380	770	85.53	90.0	98.0	0.3127	0.329	0.3582	0.0			
N0	380	770	3.42	3.6	3.92	0.3127	0.329	0.3582	0.0			

Ostwald optimal colours (o), maximum (m) C_{AB} for D65, $Y_N=0, Y_W=90, Y_m=520_770$

i_1, λ_1	i_2, λ_2	Y	A	B	C_{AB}	a	b	h_{xy}	i_d, λ_d	i_c, λ_c	Code	
0	405	32	561	53.78	-49.05	-38.76	62.52	0.5853	-0.7237	218.3	16 483 37 589	Cm
6	435	32	562	54.39	-57.84	-21.34	61.65	0.5247	-0.5924	200.2	17 486 42 610	
10	450	32	563	55.1	-72.53	10.82	73.34	0.4236	-0.3568	171.5	19 496 -1 496c	
12	460	33	565	55.49	-78.62	27.09	83.16	0.3834	-0.2401	160.9	21 505 -1 505c	
12	465	33	567	56.83	-79.12	28.55	84.12	0.3933	-0.2344	160.1	21 506 -1 506c	
14	470	33	569	58.03	-82.45	41.99	92.53	0.3818	-0.146	153.0	24 520 -1 520c	Gm
15	475	34	573	60.12	-82.67	48.63	95.92	0.4	-0.1118	149.5	25 528 -1 528c	
16	480	36	580	63.83	-81.06	56.01	98.53	0.4421	-0.0844	145.3	27 537 -1 537c	
17	485	39	595	71.51	-70.92	66.8	97.43	0.5534	-0.0617	136.7	29 548 -1 548c	
18	490	-1	490c	84.64	-26.03	82.92	86.91	0.8271	-0.0435	107.4	33 565 11 459	max
19	495	-1	495c	83.35	-23.06	82.9	86.05	0.8394	-0.0375	105.5	33 566 12 462	
20	500	-1	500c	81.72	-19.23	82.21	84.43	0.8559	-0.033	103.1	33 567 12 464	
22	510	-1	510c	77.28	-8.95	78.79	79.29	0.9037	-0.0276	96.4	33 569 13 469	
23	520	-1	519c	74.43	-2.7	76.1	76.15	0.9356	-0.0264	92.0	34 570 14 471	Ym
25	530	-1	529c	67.57	11.15	69.14	70.04	1.0161	-0.0261	80.8	34 573 15 475	
27	540	-1	539c	59.67	25.01	60.81	65.75	1.1178	-0.0278	67.6	35 577 15 478	
28	545	-1	544c	55.55	31.34	56.39	64.52	1.1758	-0.0293	60.9	35 579 15 479	
29	550	-1	549c	51.35	37.11	51.86	63.77	1.2392	-0.0314	54.4	36 582 16 480	
30	555	-1	554c	47.14	42.11	47.32	63.35	1.3074	-0.0339	48.3	36 584 16 481	
32	560	-1	560c	39.03	49.24	38.52	62.52	1.4548	-0.0406	38.0	37 589 16 483	
32	561	0	405	46.21	49.05	38.76	62.52	1.3747	-0.0999	38.3	37 589 16 483	Rm
32	562	6	435	45.6	57.84	21.34	61.65	1.4575	-0.2481	20.2	42 610 17 486	
32	563	10	450	44.89	72.52	-10.82	73.32	1.5963	-0.5318	351.5	-1 496c 19 496	
33	565	12	460	44.5	78.6	-27.09	83.14	1.6566	-0.6789	340.9	-1 505c 21 505	
33	567	12	465	43.16	79.1	-28.55	84.09	1.6832	-0.7	340.1	-1 506c 21 506	
33	569	14	470	41.96	82.43	-41.98	92.5	1.7359	-0.8356	333.0	-1 520c 24 520	Mm
34	573	15	475	39.87	82.64	-48.62	95.89	1.7791	-0.9231	329.5	-1 528c 25 528	
36	580	16	480	36.16	81.03	-55.99	98.49	1.8464	-1.0547	325.3	-1 537c 27 537	
39	595	17	485	28.48	70.88	-66.77	97.38	1.9454	-1.373	316.7	-1 548c 29 548	
-1	490c	18	490	15.35	26.01	-82.86	86.85	1.6281	-2.5947	287.4	11 459 33 565	min
-1	495c	19	495	16.64	23.04	-82.85	85.99	1.5038	-2.4259	285.5	12 462 33 566	
-1	500c	20	500	18.27	19.22	-82.16	84.38	1.3709	-2.2338	283.1	12 464 33 567	
-1	510c	22	510	22.71	8.95	-78.75	79.26	1.1078	-1.822	276.4	13 469 33 569	
-1	519c	23	520	25.56	2.7	-76.07	76.12	0.9924	-1.6259	272.0	14 471 34 570	Bm
-1	529c	25	530	32.42	-11.15	-69.12	70.01	0.8125	-1.2882	260.8	15 475 34 573	
-1	539c	27	540	40.32	-25.0	-60.8	65.74	0.702	-1.0385	247.6	15 478 35 577	
-1	544c	28	545	44.44	-31.33	-56.38	64.5	0.6681	-0.9428	240.9	15 479 35 579	
-1	549c	29	550	48.64	-37.1	-51.85	63.76	0.645	-0.8618	234.4	16 480 36 582	
-1	554c	30	555	52.85	-42.1	-47.31	63.34	0.6314	-0.7935	228.3	16 481 36 584	
-1	560c	32	560	60.96	-49.24	-38.51	62.51	0.627	-0.6881	218.0	16 483 37 589	
W0	380	770	90.0	0.0	0.0	0.0	0.9501	-0.4354	0.0	$B_c=1,000$		
N0	380	770	3.6	0.0	0.0	0.0	0.9501	-0.4354	0.0	$x_c=0,000$		