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TUB registration: 20201101-AEU4/AEU4L0NA.TXT /.PS  
 application for evaluation and measurement of display or print output  
 TUB material: code=rh4ta

**Ostwald optimal colours (o), maximum (m)  $C_{AB,10}$  for D65,  $Y_{N,10}=0$ ,  $Y_{W,10}=90$ ,  $Y_m=520_770$**

| $i_1, \lambda_1$ | $i_2, \lambda_2$ | $X_{10}$ | $Y_{10}$ | $Z_{10}$ | $x_{10}$ | $y_{10}$ | $z_{10}$ | $h_{xy,10}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ | Code              |
|------------------|------------------|----------|----------|----------|----------|----------|----------|-------------|------------------|------------------|-------------------|
| 0                | 405              | 31       | 556      | 30.74    | 52.33    | 95.9     | 0.1717   | 0.2924      | 0.5358           | 195.1            | 15 476 37 585 Cm  |
| 6                | 435              | 31       | 557      | 27.63    | 53.26    | 76.12    | 0.176    | 0.3391      | 0.4847           | 176.5            | 16 480 44 621     |
| 10               | 450              | 31       | 559      | 22.65    | 53.56    | 44.06    | 0.1883   | 0.4453      | 0.3662           | 137.6            | 18 492 -1 492c    |
| 11               | 460              | 32       | 562      | 22.68    | 54.81    | 36.09    | 0.1996   | 0.4825      | 0.3177           | 126.9            | 19 498 -1 498c    |
| 12               | 465              | 33       | 565      | 22.93    | 56.0     | 28.9     | 0.2126   | 0.5193      | 0.268            | 118.2            | 21 506 -1 506c    |
| 14               | 470              | 34       | 570      | 24.46    | 57.89    | 17.7     | 0.2445   | 0.5785      | 0.1769           | 105.6            | 24 522 -1 522c Gm |
| 15               | 475              | 35       | 579      | 30.89    | 63.11    | 13.83    | 0.2864   | 0.5852      | 0.1282           | 96.1             | 26 534 -1 534c    |
| 16               | 480              | 41       | 606      | 49.97    | 74.33    | 10.97    | 0.3693   | 0.5494      | 0.0811           | 75.6             | 30 550 -1 550c    |
| 16               | 485              | -1       | 484c     | 69.99    | 83.34    | 10.97    | 0.4259   | 0.5072      | 0.0668           | 57.5             | 32 560 10 454 max |
| 18               | 490              | -1       | 490c     | 69.83    | 80.55    | 7.49     | 0.4423   | 0.5102      | 0.0474           | 54.3             | 32 562 11 459     |
| 19               | 495              | -1       | 495c     | 69.81    | 78.81    | 6.43     | 0.4502   | 0.5082      | 0.0415           | 52.4             | 32 563 12 461     |
| 19               | 500              | -1       | 499c     | 69.81    | 78.81    | 6.43     | 0.4502   | 0.5082      | 0.0415           | 52.4             | 32 563 12 461     |
| 22               | 510              | -1       | 510c     | 69.45    | 71.94    | 4.73     | 0.4752   | 0.4923      | 0.0324           | 44.9             | 33 566 13 466     |
| 23               | 520              | -1       | 519c     | 69.08    | 69.1     | 4.45     | 0.4842   | 0.4844      | 0.0312           | 41.9             | 33 568 13 468 Ym  |
| 26               | 530              | -1       | 530c     | 66.62    | 59.04    | 4.0      | 0.5137   | 0.4553      | 0.0309           | 31.8             | 34 573 14 472     |
| 27               | 540              | -1       | 539c     | 65.29    | 55.35    | 3.94     | 0.524    | 0.4443      | 0.0316           | 28.3             | 35 576 14 473     |
| 28               | 545              | -1       | 544c     | 63.68    | 51.58    | 3.89     | 0.5343   | 0.4328      | 0.0327           | 24.7             | 35 578 14 474     |
| 29               | 550              | -1       | 549c     | 61.78    | 47.76    | 3.87     | 0.5447   | 0.4211      | 0.0341           | 21.3             | 36 580 15 475     |
| 31               | 555              | -1       | 555c     | 57.11    | 40.2     | 3.86     | 0.5644   | 0.3973      | 0.0381           | 14.8             | 37 586 15 476     |
| 32               | 560              | 10       | 451      | 64.26    | 38.17    | 54.04    | 0.4106   | 0.2439      | 0.3453           | 318.1            | -1 491c 18 491    |
| 31               | 556              | 0        | 405      | 64.07    | 47.66    | 11.42    | 0.5202   | 0.3869      | 0.0927           | 15.1             | 37 585 15 476 Rm  |
| 31               | 557              | 6        | 435      | 67.17    | 46.73    | 31.21    | 0.4628   | 0.322       | 0.215            | 356.5            | 44 621 16 480     |
| 31               | 559              | 10       | 450      | 72.15    | 46.43    | 63.27    | 0.3967   | 0.2553      | 0.3479           | 317.6            | -1 492c 18 492    |
| 32               | 562              | 11       | 460      | 72.13    | 45.18    | 71.24    | 0.3825   | 0.2396      | 0.3778           | 307.0            | -1 498c 19 498    |
| 33               | 565              | 12       | 465      | 71.88    | 43.99    | 78.42    | 0.3699   | 0.2264      | 0.4036           | 298.2            | -1 506c 21 506    |
| 34               | 570              | 14       | 470      | 70.34    | 42.1     | 89.62    | 0.348    | 0.2083      | 0.4435           | 285.6            | -1 522c 24 522 Mm |
| 35               | 579              | 15       | 475      | 63.91    | 36.88    | 93.5     | 0.3289   | 0.1898      | 0.4812           | 276.1            | -1 534c 26 534    |
| 41               | 606              | 16       | 480      | 44.83    | 25.66    | 96.35    | 0.2687   | 0.1537      | 0.5774           | 255.7            | -1 550c 30 550    |
| -1               | 484c             | 16       | 485      | 24.82    | 16.65    | 96.35    | 0.18     | 0.1208      | 0.699            | 237.5            | 10 454 32 560 min |
| -1               | 490c             | 18       | 490      | 24.98    | 19.44    | 99.83    | 0.1731   | 0.1348      | 0.692            | 234.3            | 11 459 32 562     |
| -1               | 495c             | 19       | 495      | 25.0     | 21.18    | 100.89   | 0.1699   | 0.144       | 0.6859           | 232.4            | 12 461 32 563     |
| -1               | 499c             | 19       | 500      | 25.0     | 21.18    | 100.89   | 0.1699   | 0.144       | 0.6859           | 232.4            | 12 461 32 563     |
| -1               | 510c             | 22       | 510      | 25.36    | 28.05    | 102.59   | 0.1625   | 0.1798      | 0.6576           | 225.0            | 13 466 33 566     |
| -1               | 519c             | 23       | 520      | 25.73    | 30.89    | 102.87   | 0.1613   | 0.1936      | 0.6449           | 222.0            | 13 468 33 568 Bm  |
| -1               | 530c             | 26       | 530      | 28.19    | 40.95    | 103.32   | 0.1634   | 0.2374      | 0.599            | 211.8            | 14 472 34 573     |
| -1               | 539c             | 27       | 540      | 29.52    | 44.64    | 103.39   | 0.1662   | 0.2514      | 0.5823           | 208.3            | 14 473 35 576     |
| -1               | 544c             | 28       | 545      | 31.12    | 48.41    | 103.43   | 0.1701   | 0.2645      | 0.5652           | 204.8            | 14 474 35 578     |
| -1               | 549c             | 29       | 550      | 33.02    | 52.23    | 103.45   | 0.175    | 0.2767      | 0.5482           | 201.3            | 15 475 36 580     |
| -1               | 555c             | 31       | 555      | 37.69    | 59.79    | 103.47   | 0.1875   | 0.2975      | 0.5148           | 194.8            | 15 476 37 586     |
| 10               | 451              | 32       | 560      | 30.55    | 61.82    | 53.28    | 0.2097   | 0.4244      | 0.3658           | 138.0            | 18 491 -1 491c    |
| W0               | 380              | 770      | 85.33    | 90.0     | 96.6     | 0.3137   | 0.3309   | 0.3552      | 0.0              |                  |                   |
| N0               | 380              | 770      | 3.41     | 3.6      | 3.86     | 0.3137   | 0.3309   | 0.3552      | 0.0              |                  |                   |

**Ostwald optimal colours (o), maximum (m)  $C_{AB,10}$  for D65,  $Y_{N,10}=0$ ,  $Y_{W,10}=90$ ,  $Y_m=520_770$**

| $i_1, \lambda_1$ | $i_2, \lambda_2$ | $Y_{10}$ | $A_{10}$ | $B_{10}$ | $C_{AB,10}$ | $a_{10}$ | $b_{10}$ | $h_{xy,10}$ | $i_d, \lambda_d$ | $i_c, \lambda_c$ | Code              |
|------------------|------------------|----------|----------|----------|-------------|----------|----------|-------------|------------------|------------------|-------------------|
| 0                | 405              | 31       | 556      | 52.33    | -47.18      | -39.71   | 61.67    | 0.5872      | -0.7327          | 220.0            | 15 476 37 585 Cm  |
| 6                | 435              | 31       | 557      | 53.26    | -57.12      | -18.94   | 60.18    | 0.5188      | -0.5715          | 198.3            | 16 480 44 621     |
| 10               | 450              | 31       | 559      | 53.56    | -70.3       | 13.42    | 71.57    | 0.4229      | -0.3289          | 169.1            | 18 492 -1 492c    |
| 11               | 460              | 32       | 562      | 54.81    | -73.2       | 22.73    | 76.65    | 0.4136      | -0.2632          | 162.7            | 19 498 -1 498c    |
| 12               | 465              | 33       | 565      | 56.0     | -75.4       | 31.19    | 81.6     | 0.4093      | -0.2064          | 157.5            | 21 506 -1 506c    |
| 14               | 470              | 34       | 570      | 57.89    | -76.01      | 44.41    | 88.03    | 0.4226      | -0.1223          | 149.7            | 24 522 -1 522c Gm |
| 15               | 475              | 35       | 579      | 63.11    | -72.33      | 53.89    | 90.2     | 0.4894      | -0.0876          | 143.3            | 26 534 -1 534c    |
| 16               | 480              | 41       | 606      | 74.33    | -51.23      | 68.78    | 85.77    | 0.6721      | -0.059           | 126.6            | 30 550 -1 550c    |
| 16               | 485              | -1       | 484c     | 83.34    | -22.55      | 78.45    | 81.63    | 0.8395      | -0.0526          | 106.0            | 32 560 10 454 max |
| 18               | 490              | -1       | 490c     | 80.55    | -16.33      | 78.94    | 80.61    | 0.8667      | -0.0372          | 101.6            | 32 562 11 459     |
| 19               | 495              | -1       | 495c     | 78.81    | -12.26      | 78.13    | 79.08    | 0.8856      | -0.0326          | 98.9             | 32 563 12 461     |
| 19               | 500              | -1       | 499c     | 78.81    | -12.26      | 78.13    | 79.08    | 0.8856      | -0.0326          | 98.9             | 32 563 12 461     |
| 22               | 510              | -1       | 510c     | 71.94    | 3.11        | 72.45    | 72.52    | 0.9651      | -0.0263          | 87.5             | 33 566 13 466     |
| 23               | 520              | -1       | 519c     | 69.1     | 8.91        | 69.69    | 70.26    | 0.9994      | -0.0258          | 82.7             | 33 568 13 468 Ym  |
| 26               | 530              | -1       | 530c     | 59.04    | 26.6        | 59.35    | 65.03    | 1.128       | -0.0271          | 65.8             | 34 573 14 472     |
| 27               | 540              | -1       | 539c     | 55.35    | 32.01       | 55.46    | 64.03    | 1.1791      | -0.0284          | 60.0             | 35 576 14 473     |
| 28               | 545              | -1       | 544c     | 51.58    | 36.93       | 51.45    | 63.33    | 1.2341      | -0.0302          | 54.3             | 35 578 14 474     |
| 29               | 550              | -1       | 549c     | 47.76    | 41.23       | 47.38    | 62.81    | 1.2931      | -0.0324          | 48.9             | 36 580 15 475     |
| 31               | 555              | -1       | 555c     | 40.2     | 47.47       | 39.28    | 61.61    | 1.42        | -0.0384          | 39.6             | 37 586 15 476     |
| 32               | 560              | 10       | 451      | 38.17    | 70.12       | -13.05   | 71.32    | 1.6825      | -0.566           | 349.4            | -1 491c 18 491    |
| 31               | 556              | 0        | 405      | 47.66    | 47.19       | 39.71    | 61.68    | 1.3439      | -0.0958          | 40.0             | 37 585 15 476 Rm  |
| 31               | 557              | 6        | 435      | 46.73    | 57.12       | 18.94    | 60.18    | 1.4367      | -0.267           | 18.3             | 44 621 16 480     |
| 31               | 559              | 10       | 450      | 46.43    | 70.28       | -13.42   | 71.56    | 1.5533      | -0.5448          | 349.1            | -1 492c 18 492    |
| 32               | 562              | 11       | 460      | 45.18    | 73.19       | -22.73   | 76.64    | 1.5958      | -0.6304          | 342.7            | -1 498c 19 498    |
| 33               | 565              | 12       | 465      | 43.99    | 75.38       | -31.18   | 81.58    | 1.6333      | -0.7128          | 337.5            | -1 506c 21 506    |
| 34               | 570              | 14       | 470      | 42.1     | 75.99       | -44.39   | 88.01    | 1.6696      | -0.8509          | 329.7            | -1 522c 24 522 Mm |
| 35               | 579              | 15       | 475      | 36.88    | 72.3        | -53.87   | 90.17    | 1.7321      | -1.0135          | 323.3            | -1 534c 26 534    |
| 41               | 606              | 16       | 480      | 25.66    | 51.21       | -68.75   | 85.73    | 1.7461      | -1.5009          | 306.6            | -1 550c 30 550    |
| -1               | 484c             | 16       | 485      | 16.65    | 22.54       | -78.4    | 81.58    | 1.4893      | -2.3126          | 286.0            | 10 454 32 560 min |
| -1               | 490c             | 18       | 490      | 19.44    | 16.32       | -78.89   | 80.56    | 1.2836      | -2.0519          | 281.6            | 11 459 32 562     |
| -1               | 495c             | 19       | 495      | 21.18    | 12.25       | -78.09   | 79.04    | 1.1792      | -1.9035          | 278.9            | 12 461 32 563     |
| -1               | 499c             | 19       | 500      | 21.18    | 12.25       | -78.09   | 79.04    | 1.1792      | -1.9035          | 278.9            | 12 461 32 563     |
| -1               | 510c             | 22       | 510      | 28.05    | -3.11       | -72.43   | 72.5     | 0.9035      | -1.4619          | 267.5            | 13 466 33 566     |
| -1               | 519c             | 23       | 520      | 30.89    | -8.91       | -69.67   | 70.23    | 0.8324      | -1.3312          | 262.7            | 13 468 33 568 Bm  |
| -1               | 530c             | 26       | 530      | 40.95    | -26.59      | -59.33   | 65.02    | 0.688       | -1.0087          | 245.8            | 14 472 34 573     |
| -1               | 539c             | 27       | 540      | 44.64    | -32.0       | -55.45   | 64.02    | 0.661       | -0.926           | 240.0            | 14 473 35 576     |
| -1               | 544c             | 28       | 545      | 48.41    | -36.92      | -51.45   | 63.32    | 0.6427      | -0.8543          | 234.3            | 14 474 35 578     |
| -1               | 549c             | 29       | 550      | 52.23    | -41.22      | -47.37   | 62.8     | 0.6321      | -0.792           | 228.9            | 15 475 36 580     |
| -1               | 555c             | 31       | 555      | 59.79    | -47.46      | -39.27   | 61.61    | 0.6302      | -0.6919          | 219.6            | 15 476 37 586     |
| 10               | 451              | 32       | 560      | 61.82    | -70.13      | 13.05    | 71.33    | 0.494       | -0.3447          | 169.4            | 18 491 -1 491c    |
| W0               | 380              | 770      | 90.0     | 0.0      | 0.0         | 0.0      | 0.9478   | -0.4292     | 0.0              | $B_c=1,000$      |                   |
| N0               | 380              | 770      | 3.6      | 0.0      | 0.0         | 0.0      | 0.9478   | -0.4292     | 0.0              | $x_c=0,000$      |                   |