

Siehe ähnliche Dateien: <http://farbe.li.tu-berlin.de/BGO5/BGO5L0NA.TXT> /PS  
 Technische Information: <http://farbe.li.tu-berlin.de/> oder <http://farbe.li.tu-berlin.de/>

TUB-Registrierung: 20220301-BGO5/BGO5L0NA.TXT /PS TUB-Material: Code=rha4ta  
 Anwendung für Beurteilung und Messung von Display- oder Druck-Ausgabe

**BGO5-1A**

$XYZ_{W,10} = 94.81, 100.0, 107.33$   
 $A_{2,10} = 2.5 (a_{2,10} - a_{2,210}) Y_{10}$   
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,210}) Y_{10}$   
 $a_{2,10} = a_{20} [(x_{10} - x_c) / y_{10}]$   
 $b_{2,10} = b_{20} [(z_{10} / y_{10})]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_2 = 0.800$   
 $C_{AB,2,10} = [A_{2,10} + B_{2,10}]^{2/2}$   
 6 Ostwald-Farben (o)  
 von maximalem (m)  $C_{AB,10}$  im  
 linearen Farbenraum ( $C_{AB,2,10} Y_{10}$ )  
 Lichtart D65,  $Y_{W,10}=100, Y_{N,10}=0$

Name Bereich  $X_{10}, Y_{10}, Z_{10}, X_{210}, Y_{210}, Z_{210}$   
 $R_1$  565.775 63.87 42.12 0.16 0.603 0.394 594 484  
 $V_1$  487.775 76.97 91.46 6.8 0.492 0.5219 566 460  
 $C_1$  487.561 17.23 23.54 6.8 0.259 0.682 529 526  
 $C_2$  380.561 31.04 58.07 8.14 0.182 0.340 584 584  
 $B_1$  380.490 13.41 81.77 100.74 0.143 0.0685 461 566  
 $M_1$  561.487 97.67 47.65 100.74 0.245 0.2107 526 529  
 $W_1$  380.775 94.81 100.0 107.33 0.3137 0.3399 100%  
 $N_1$  380.775 0.09 0.1 0.3136 0.3308 0%  
 $Z_1$  380.775 17.66 18.0 19.32 0.3137 0.3309 18%

Parameter:  
 $Y_{10}$  & Name  
 Lichtart D65  
 $Y_{W,10}=100, Y_{N,10}=0$

**BGO5-1A**

$XYZ_{W,10} = 94.81, 100.0, 107.33$   
 $A_{2,10} = 2.5 (a_{2,10} - a_{2,210}) Y_{10}$   
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,210}) Y_{10}$   
 $a_{2,10} = a_{20} [(x_{10} - x_c) / y_{10}]$   
 $b_{2,10} = b_{20} [(z_{10} / y_{10})]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_2 = 0.800$   
 $C_{AB,2,10} = [A_{2,10} + B_{2,10}]^{2/2}$   
 6 Ostwald-Farben (o)  
 von maximalem (m)  $C_{AB,10}$  im  
 linearen Farbenraum ( $C_{AB,2,10} Y_{10}$ )  
 Lichtart D65,  $Y_{W,10}=100, Y_{N,10}=0$

Name Bereich  $X_{10}, Y_{10}, Z_{10}, X_{210}, Y_{210}, Z_{210}$   
 $R_1$  565.775 63.87 42.12 0.16 0.603 0.394 594 484  
 $V_1$  487.775 76.97 91.46 6.8 0.492 0.5219 566 460  
 $C_1$  487.561 17.23 23.54 6.8 0.259 0.682 529 526  
 $C_2$  380.561 31.04 58.07 8.14 0.182 0.340 584 584  
 $B_1$  380.490 13.41 81.77 100.74 0.143 0.0685 461 566  
 $M_1$  561.487 97.67 47.65 100.74 0.245 0.2107 526 529  
 $W_1$  380.775 94.81 100.0 107.33 0.3137 0.3399 100%  
 $N_1$  380.775 0.09 0.1 0.3136 0.3308 0%  
 $Z_1$  380.775 17.66 18.0 19.32 0.3137 0.3309 18%

Parameter:  
 $Y_{10}$  & Name  
 Lichtart D65  
 $Y_{W,10}=100, Y_{N,10}=0$

**BGO5-1A**

$XYZ_{W,10} = 101.75, 100.0, 64.44$   
 $A_{2,10} = 2.5 (a_{2,10} - a_{2,210}) Y_{10}$   
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,210}) Y_{10}$   
 $a_{2,10} = a_{20} [(x_{10} - x_c) / y_{10}]$   
 $b_{2,10} = b_{20} [(z_{10} / y_{10})]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_2 = 1.000$   
 $C_{AB,2,10} = [A_{2,10} + B_{2,10}]^{2/2}$   
 6 Ostwald-Farben (o)  
 von maximalem (m)  $C_{AB,10}$  im  
 linearen Farbenraum ( $C_{AB,2,10} Y_{10}$ )  
 Lichtart P40,  $Y_{W,10}=100, Y_{N,10}=0$

Name Bereich  $X_{10}, Y_{10}, Z_{10}, X_{210}, Y_{210}, Z_{210}$   
 $R_1$  575.775 71.41 43.36 0.162 0.6208 0.378 597 487  
 $V_1$  498.775 105.79507 2.27 0.5206 0.4498 572 469  
 $C_1$  492.569 20.98 25.86 6.78 0.2708 0.671 535 536  
 $C_2$  380.575 34.5 58.8 58.19 0.2685 0.4576 493 597  
 $B_1$  380.498 5.63 5.12 32.99 0.1288 0.117 469 577  
 $M_1$  575.492 98.28 46.33 100.74 0.5091 0.2868 526 545  
 $W_1$  380.775 111.599 39.35 0.4511 0.4059 100%  
 $N_1$  380.775 0.11 0.09 0.31 0.4511 0.4057 0%  
 $Z_1$  380.775 20.10 18.0 6.33 0.4511 0.4059 18%

Parameter:  
 $Y_{10}$  & Name  
 Lichtart P40  
 $Y_{W,10}=100, Y_{N,10}=0$

**BGO5-1A**

$XYZ_{W,10} = 101.75, 100.0, 64.44$   
 $A_{2,10} = 2.5 (a_{2,10} - a_{2,210}) Y_{10}$   
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,210}) Y_{10}$   
 $a_{2,10} = a_{20} [(x_{10} - x_c) / y_{10}]$   
 $b_{2,10} = b_{20} [(z_{10} / y_{10})]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_2 = 1.000$   
 $C_{AB,2,10} = [A_{2,10} + B_{2,10}]^{2/2}$   
 6 Ostwald-Farben (o)  
 von maximalem (m)  $C_{AB,10}$  im  
 linearen Farbenraum ( $C_{AB,2,10} Y_{10}$ )  
 Lichtart P40,  $Y_{W,10}=100, Y_{N,10}=0$

Name Bereich  $X_{10}, Y_{10}, Z_{10}, X_{210}, Y_{210}, Z_{210}$   
 $R_1$  575.775 71.41 43.36 0.162 0.6208 0.378 597 487  
 $V_1$  498.775 105.79507 2.27 0.5206 0.4498 572 469  
 $C_1$  492.569 20.98 25.86 6.78 0.2708 0.671 535 536  
 $C_2$  380.569 34.5 58.8 58.19 0.2685 0.4576 493 597  
 $B_1$  380.498 5.63 5.12 32.99 0.1288 0.117 469 577  
 $M_1$  575.492 98.28 46.33 100.74 0.5091 0.2868 526 545  
 $W_1$  380.775 111.599 39.35 0.4511 0.4059 100%  
 $N_1$  380.775 0.11 0.09 0.31 0.4511 0.4057 0%  
 $Z_1$  380.775 20.10 18.0 6.33 0.4511 0.4059 18%

Parameter:  
 $Y_{10}$  & Name  
 Lichtart P40  
 $Y_{W,10}=100, Y_{N,10}=0$

**BGO5-3A**

$XYZ_{W,10} = 99.99, 99.99, 100.0$   
 $A_{2,10} = 2.5 (a_{2,10} - a_{2,210}) Y_{10}$   
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,210}) Y_{10}$   
 $a_{2,10} = a_{20} [(x_{10} - x_c) / y_{10}]$   
 $b_{2,10} = b_{20} [(z_{10} / y_{10})]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_2 = 0.900$   
 $C_{AB,2,10} = [A_{2,10} + B_{2,10}]^{2/2}$   
 6 Ostwald-Farben (o)  
 von maximalem (m)  $C_{AB,10}$  im  
 linearen Farbenraum ( $C_{AB,2,10} Y_{10}$ )  
 Lichtart E00,  $Y_{W,10}=100, Y_{N,10}=0$

Name Bereich  $X_{10}, Y_{10}, Z_{10}, X_{210}, Y_{210}, Z_{210}$   
 $R_1$  564.775 66.2 42.12 0.25 0.6017 0.395 593 481  
 $V_1$  487.775 83.17 92.54 6.46 0.4658 0.5079 568 459  
 $C_1$  487.564 17.17 20.1 6.46 0.2322 0.6003 530 536  
 $C_2$  380.564 33.98 57.76 100.0 0.1772 0.3012 482 594  
 $B_1$  380.487 17.65 93.74 1.436 0.0646 459 568  
 $M_1$  564.487 83.01 49.99 93.74 0.3662 0.2201 530 530  
 $W_1$  380.775 92.98 99.09 100.0 0.3333 0.3333 100%  
 $N_1$  380.775 0.09 0.09 0.1 0.3333 0.3332 0%  
 $Z_1$  380.775 17.99 17.99 18.0 0.3333 0.3333 18%

Parameter:  
 $Y_{10}$  & Name  
 Lichtart E00  
 $Y_{W,10}=100, Y_{N,10}=0$

**BGO5-3A**

$XYZ_{W,10} = 99.99, 99.99, 100.0$   
 $A_{2,10} = 2.5 (a_{2,10} - a_{2,210}) Y_{10}$   
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,210}) Y_{10}$   
 $a_{2,10} = a_{20} [(x_{10} - x_c) / y_{10}]$   
 $b_{2,10} = b_{20} [(z_{10} / y_{10})]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_2 = 0.900$   
 $C_{AB,2,10} = [A_{2,10} + B_{2,10}]^{2/2}$   
 6 Ostwald-Farben (o)  
 von maximalem (m)  $C_{AB,10}$  im  
 linearen Farbenraum ( $C_{AB,2,10} Y_{10}$ )  
 Lichtart E00,  $Y_{W,10}=100, Y_{N,10}=0$

Name Bereich  $X_{10}, Y_{10}, Z_{10}, X_{210}, Y_{210}, Z_{210}$   
 $R_1$  564.775 66.2 42.12 0.25 0.6017 0.395 593 481  
 $V_1$  487.775 83.17 92.54 6.46 0.4658 0.5079 568 459  
 $C_1$  487.564 17.17 20.1 6.46 0.2322 0.6003 530 536  
 $C_2$  380.564 33.98 57.76 100.0 0.1772 0.3012 482 594  
 $B_1$  380.486 19.65 9.64 110.01 0.141 0.062 461 567  
 $M_1$  564.486 83.01 49.99 93.74 0.3662 0.2201 530 530  
 $W_1$  380.775 92.98 99.09 100.0 0.3333 0.3333 100%  
 $N_1$  380.775 0.09 0.09 0.1 0.3333 0.3332 0%  
 $Z_1$  380.775 17.99 17.99 18.0 0.3333 0.3333 18%

Parameter:  
 $Y_{10}$  & Name  
 Lichtart E00  
 $Y_{W,10}=100, Y_{N,10}=0$

**BGO5-5A**

$XYZ_{W,10} = 102.37, 99.99, 81.25$   
 $A_{2,10} = 2.5 (a_{2,10} - a_{2,210}) Y_{10}$   
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,210}) Y_{10}$   
 $a_{2,10} = a_{20} [(x_{10} - x_c) / y_{10}]$   
 $b_{2,10} = b_{20} [(z_{10} / y_{10})]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_2 = 1.000$   
 $C_{AB,2,10} = [A_{2,10} + B_{2,10}]^{2/2}$   
 6 Ostwald-Farben (o)  
 von maximalem (m)  $C_{AB,10}$  im  
 linearen Farbenraum ( $C_{AB,2,10} Y_{10}$ )  
 Lichtart P00,  $Y_{W,10}=100, Y_{N,10}=0$

Name Bereich  $X_{10}, Y_{10}, Z_{10}, X_{210}, Y_{210}, Z_{210}$   
 $R_1$  567.775 67.86 42.12 0.161 0.6019 0.395 593 484  
 $V_1$  489.775 88.89 93.25 6.21 0.4417 0.526 566 459  
 $C_1$  489.567 19.1 50.52 5.23 0.2551 0.6748 533 536  
 $C_2$  380.567 32.98 59.08 118.42 0.1711 0.2796 481 593  
 $B_1$  380.486 20.58 9.29 122.44 0.1432 0.0654 459 566  
 $M_1$  567.486 81.41 49.67 76.17 0.3987 0.2375 533 533  
 $W_1$  380.775 102.37 99.99 81.25 0.3089 0.3254 100%  
 $N_1$  380.775 0.09 0.1 0.3088 0.3254 0%  
 $Z_1$  380.775 18.42 18.0 14.62 0.3089 0.3252 18%

Parameter:  
 $Y_{10}$  & Name  
 Lichtart P00  
 $Y_{W,10}=100, Y_{N,10}=0$

**BGO5-5A**

$XYZ_{W,10} = 102.37, 99.99, 81.25$   
 $A_{2,10} = 2.5 (a_{2,10} - a_{2,210}) Y_{10}$   
 $B_{2,10} = 2.5 B_2 (b_{2,10} - b_{2,210}) Y_{10}$   
 $a_{2,10} = a_{20} [(x_{10} - x_c) / y_{10}]$   
 $b_{2,10} = b_{20} [(z_{10} / y_{10})]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_2 = 1.000$   
 $C_{AB,2,10} = [A_{2,10} + B_{2,10}]^{2/2}$   
 6 Ostwald-Farben (o)  
 von maximalem (m)  $C_{AB,10}$  im  
 linearen Farbenraum ( $C_{AB,2,10} Y_{10}$ )  
 Lichtart P00,  $Y_{W,10}=100, Y_{N,10}=0$

Name Bereich  $X_{10}, Y_{10}, Z_{10}, X_{210}, Y_{210}, Z_{210}$   
 $R_1$  567.775 67.86 42.12 0.161 0.6019 0.395 593 484  
 $V_1$  489.775 88.89 93.25 6.21 0.4417 0.526 566 459  
 $C_1$  489.567 19.1 50.52 5.23 0.2551 0.6748 533 536  
 $C_2$  380.567 32.98 59.08 118.42 0.1711 0.2796 481 593  
 $B_1$  380.486 20.58 9.29 122.44 0.1432 0.0654 459 566  
 $M_1$  567.486 81.41 49.67 76.17 0.3987 0.2375 533 533  
 $W_1$  380.775 102.37 99.99 81.25 0.3089 0.3254 100%  
 $N_1$  380.775 0.09 0.1 0.3088 0.3254 0%  
 $Z_1$  380.775 18.42 18.0 14.62 0.3089 0.3252 18%

Parameter:  
 $Y_{10}$  & Name  
 Lichtart P00  
 $Y_{W,10}=100, Y_{N,10}=0$