

$XYZ_{W,10}=111.15, 99.99, 35.19$

$A_{2,10} = 2,5 (a_{2,10} - a_{2,n,10}) Y_{10}$

$B_{2,10} = 2,5 B_c (b_{2,10} - b_{2,n,10}) Y_{10}$

$a_{2,10} = a_{20} [ (x_{10} - x_c) / y_{10} ]$

$b_{2,10} = b_{20} [ z_{10} / y_{10} ]$

$a_{20} = 1, b_{20} = -0,4$

$x_c = 0,110, B_c = 2,500$

$C_{AB2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$

6 Ostwald colours (o)

of maximum (m)  $C_{AB,10}$  in

chromatic value diagram ( $A_{2,10}, B_{2,10}$ )

Illumin. A00,  $Y_{W,10}=100, Y_{N,10}=10$

| Name  | Range   | $X_{d,10}$ | $Y_{d,10}$ | $Z_{d,10}$ | $x_{d,10}$ | $y_{d,10}$ | $\lambda_d$ | $\lambda_c$ |
|-------|---------|------------|------------|------------|------------|------------|-------------|-------------|
| $R_d$ | 575_775 | 80.27      | 47.2       | 3.55       | 0.6126     | 0.3602     | 606         | 493         |
| $Y_d$ | 498_775 | 106.2895   | 57         | 5.53       | 0.5124     | 0.4608     | 577         | 469         |
| $G_d$ | 498_575 | 37.23      | 58.46      | 5.53       | 0.3677     | 0.5775     | 546         | 546c        |
| $C_d$ | 380_575 | 42.11      | 62.9       | 35.2       | 0.3003     | 0.4485     | 493         | 606         |
| $B_d$ | 380_498 | 16.1       | 14.53      | 33.22      | 0.2522     | 0.2275     | 469         | 577         |
| $M_d$ | 575_498 | 85.15      | 51.64      | 33.22      | 0.5008     | 0.3037     | 546c        | 546         |
| $W_d$ | 380_775 | 111.1599   | 99         | 35.19      | 0.4511     | 0.4059     | 100%        |             |
| $N_d$ | 380_775 | 11.11      | 9.99       | 3.51       | 0.4511     | 0.4059     | 10%         |             |
| $Z_d$ | 380_775 | 20.0       | 18.0       | 6.33       | 0.4511     | 0.4059     | 18%         |             |

