

$XYZ_W=102.06, 100.0, 81.06$

$A_1 = 2,5 (a_1 - a_{1,n}) Y$

$B_1 = 2,5 B_c (b_1 - b_{1,n}) Y$

$a_1 = a_{20} [(x - x_c) / y]$

$b_1 = b_{20} [z / y]$

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

$x_c = 0,110, B_c = 1,000$

$C_{AB1} = [A_1^2 + B_1^2]^{1/2}$

6 Ostwald colours (o)

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

chromatic value diagram ( $A_1, B_1$ )

Illumin. P00,  $Y_W=100, Y_N=25$

| Name  | Range   | $X_d$  | $Y_d$ | $Z_d$ | $x_d$  | $y_d$  | $\lambda_d$ | $\lambda_c$ |
|-------|---------|--------|-------|-------|--------|--------|-------------|-------------|
| $R_d$ | 572_775 | 77.3   | 55.51 | 20.38 | 0.5046 | 0.3623 | 600         | 491         |
| $Y_d$ | 496_775 | 92.09  | 95.88 | 23.27 | 0.4359 | 0.4538 | 575         | 467         |
| $G_d$ | 496_572 | 40.4   | 65.47 | 23.24 | 0.3129 | 0.507  | 541         | 541c        |
| $C_d$ | 380_572 | 50.4   | 69.61 | 81.04 | 0.2506 | 0.3462 | 491         | 600         |
| $B_d$ | 380_496 | 35.61  | 29.24 | 78.15 | 0.249  | 0.2044 | 467         | 575         |
| $M_d$ | 572_496 | 87.3   | 59.65 | 78.18 | 0.3877 | 0.2649 | 541c        | 541         |
| $W_d$ | 380_775 | 102.06 | 100.0 | 81.06 | 0.3604 | 0.3531 | 100%        |             |
| $N_d$ | 380_775 | 25.51  | 25.0  | 20.26 | 0.3604 | 0.3531 | 25%         |             |
| $Z_d$ | 380_775 | 18.37  | 18.0  | 14.59 | 0.3604 | 0.3531 | 18%         |             |

