

$XYZ_W=100.93, 100.0, 64.68$

$A_2 = 2,5 (a_2 - a_{2,n}) Y$

$B_2 = 2,5 (b_2 - b_{2,n}) Y$

$a_2 = a_{20} [(x - x_c) / y]$

$b_2 = b_{20} B_c [z / y]$

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

$x_c = 0,110, B_c = 1,300$

$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$

6 Ostwald colours (o),  $C_{AB,2} = \text{const}$

colour space ( $C_{AB,2}, L_{TU}^*$ )

$L_{TU}^* = 50 + 40[Y_r / \log(5)]$

Illumin. P40,  $Y_W=72.0, Y_N=4.5$

| Name           | Range   | X     | Y     | Z     | x     | y        | $\lambda_d$ | $\lambda_c$ | $a_2$  | $b_2$  | $c_2$ | $A_2$ | $B_2$ | $C_{AB,2}$ | $h_{AB,2}$ | $Y_r$ | $L_{CH}^*$ | $L_{Cr}^*$ | $L_{TU}^*$ | $L_{Ta}^*$ |
|----------------|---------|-------|-------|-------|-------|----------|-------------|-------------|--------|--------|-------|-------|-------|------------|------------|-------|------------|------------|------------|------------|
| R              | 573_775 | 46.72 | 29.04 | 2.64  | 0.595 | 0.37     | 600         | 493         | 1.311  | -0.047 | 0.661 | 43.1  | 20.9  | 48.0       | 25         | 1.6   | 60.8       | 61.4       | 61.8       | 60.2       |
| Y <sub>o</sub> | 498_775 | 59.11 | 61.97 | 5.08  | 0.468 | 0.491576 | 468         | 0.729       | -0.042 | 0.294  | 1.9   | 45.5  | 45.5  | 87         | 3.44       | 82.9  | 83.7       | 80.7       | 74.5       |            |
| G              | 498_573 | 16.47 | 36.97 | 5.05  | 0.281 | 0.631540 | 540         | 0.271       | -0.071 | 0.518  | -41.1 | 24.5  | 47.9  | 149        | 2.05       | 67.2  | 67.9       | 67.8       | 65.1       |            |
| C <sub>o</sub> | 380_573 | 22.76 | 39.8  | 41.89 | 0.217 | 0.381493 | 600         | 0.283       | -0.547 | 0.482  | -43.1 | -20.9 | 48.0  | 205        | 2.21       | 69.3  | 70.0       | 69.7       | 66.5       |            |
| B              | 380_498 | 10.37 | 6.87  | 39.45 | 0.182 | 0.121468 | 576         | 0.601       | -2.983 | 2.649  | -1.9  | -45.5 | 45.5  | 267        | 0.38       | 31.5  | 31.8       | 26.0       | 30.2       |            |
| M              | 573_498 | 53.01 | 31.87 | 39.47 | 0.426 | 0.256540 | 540         | 1.234       | -0.644 | 0.001  | 41.1  | -24.5 | 47.9  | 329        | 1.77       | 63.2  | 63.8       | 64.1       | 62.1       |            |
| W <sub>o</sub> | 380_775 | 72.67 | 72.0  | 46.57 | 0.379 | 0.376    | 72%         |             | 0.717  | -0.336 | 0.01  | 0.0   | 0.0   | 0.0        | 0          | 4.0   | 87.9       | 88.8       | 84.4       | 76.9       |
| N <sub>d</sub> | 380_775 | 4.54  | 4.5   | 2.91  | 0.379 | 0.376    | 4%          |             | 0.717  | -0.336 | 0.01  | 0.0   | 0.0   | 0.0        | 180        | 0.25  | 25.2       | 25.5       | 15.5       | 23.0       |
| U <sub>d</sub> | 380_775 | 18.16 | 18.0  | 11.64 | 0.379 | 0.376    | 18%         |             | 0.717  | -0.336 | 0.01  | 0.0   | 0.0   | 0.0        | 180        | 1.0   | 49.5       | 50.0       | 50.0       | 50.0       |

