

XYZ<sub>w</sub>=95.04, 100.0, 108.89

-74 Parameter:

$$A_2 = 2.5 (a_2 - a_{2,n}) Y$$

$$B_2 = 2.5 (b_2 - b_{2,n}) Y$$

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

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

$$a_{20} = 1, b_{20} = -0.4$$

$$x_c = 0.110, B_c = 0.800$$

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

6 Ostwald colours (o),  $C_{AB,2} = \text{const}$   
colour space ( $C_{AB,2}, L_{CIE}^*$ )

$$L_{CIE}^* = L_{CIE}^*(Y) / L_{CIE}^*(18)$$

Illumin. D65,  $Y_w = 90.0, Y_c = 3.6$

| Name | Range   | X     | Y     | Z     | x <sub>N</sub> | y <sub>N</sub> | z <sub>N</sub> | λ <sub>a</sub> | λ <sub>c</sub> | a <sub>2</sub> | b <sub>2</sub> | c <sub>2</sub> | A <sub>2</sub> | B <sub>2</sub> | C <sub>AB,2</sub> | L <sub>CIE</sub> <sup>*</sup> | L <sub>CIE</sub> <sup>*</sup> | L <sub>TUV</sub> <sup>*</sup> | L <sub>Tar</sub> <sup>*</sup> |      |
|------|---------|-------|-------|-------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------|
| R    | 567_775 | 54.94 | 36.35 | 3.96  | 0.576          | 0.381          | 0.596          | 489            | 1.223          | -0.034         | 0.683          | 55.1           | 28.4           | 62.0           | 27                | 2.01                          | 66.7                          | 67.4                          | 67.4                          | 64.8 |
| Y    | 493_775 | 70.53 | 82.03 | 9.75  | 0.424          | 0.515          | 0.700          | 463            | 0.61           | -0.036         | 0.311          | -1.1           | 66.2           | 66.2           | 9.1               | 4.72                          | 93.9                          | 94.8                          | 88.5                          | 79.3 |
| G    | 493_567 | 18.55 | 25.08 | 9.71  | 0.23           | 0.649          | 0.535          | 535            | 0.184          | -0.039         | 0.519          | -56.3          | 37.7           | 67.8           | 146               | 29                            | 77.4                          | 78.2                          | 76.5                          | 71.6 |
| C    | 380_567 | 34.01 | 57.24 | 97.96 | 0.179          | 0.302          | 0.489          | 596            | 0.23           | -0.547         | 0.433          | -55.1          | -28.4          | 62.0           | 207               | 3.18                          | 80.3                          | 81.1                          | 78.7                          | 73.2 |
| B    | 380_493 | 18.91 | 8.56  | 92.16 | 0.158          | 0.071          | 0.463          | 570            | 0.671          | -3.444         | 3.096          | 1.1            | -66.2          | 66.2           | 271               | 0.47                          | 35.1                          | 35.4                          | 31.5                          | 34.4 |
| M    | 567_493 | 70.43 | 41.31 | 92.2  | 0.345          | 0.202          | 0.535          | 535            | 1.161          | -0.714         | 0.656          | 56.3           | -37.7          | 67.8           | 326               | 2.29                          | 70.3                          | 71.1                          | 70.6                          | 67.2 |
| W    | 380_775 | 85.53 | 90.0  | 98.0  | 0.312          | 0.329          | 0.906          | 0.616          | -0.348         | 0.01           | 0.0            | 0.0            | 0.0            | 0.0            | 4.99              | 95.9                          | 96.9                          | 90.0                          | 80.1                          |      |
| N    | 380_775 | 3.42  | 3.6   | 3.92  | 0.312          | 0.329          | 3%             | 0.616          | -0.348         | 0.01           | 0.0            | 0.0            | 0.0            | 0.0            | 180               | 0.19                          | 22.3                          | 22.5                          | 9.9                           | 19.8 |
| U    | 380_775 | 17.1  | 18.0  | 19.6  | 0.312          | 0.329          | 18%            | 0.616          | -0.348         | 0.01           | 0.0            | 0.0            | 0.0            | 0.0            | 180               | 0.475                         | 50.0                          | 50.0                          | 50.0                          | 50.0 |

fec70-5a

XYZ<sub>w</sub>=96.42, 100.0, 82.49

-74 Parameter:

$$A_2 = 2.5 (a_2 - a_{2,n}) Y$$

$$B_2 = 2.5 (b_2 - b_{2,n}) Y$$

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

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

$$a_{20} = 1, b_{20} = -0.4$$

$$x_c = 0.110, B_c = 1.000$$

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

6 Ostwald colours (o),  $C_{AB,2} = \text{const}$   
colour space ( $C_{AB,2}, L_{CIE}^*$ )

$$L_{CIE}^* = L_{CIE}^*(Y) / L_{CIE}^*(18)$$

Illumin. D50,  $Y_w = 90.0, Y_c = 3.6$

| Name | Range   | X     | Y     | Z     | x <sub>N</sub> | y <sub>N</sub> | z <sub>N</sub> | λ <sub>a</sub> | λ <sub>c</sub> | a <sub>2</sub> | b <sub>2</sub> | c <sub>2</sub> | A <sub>2</sub> | B <sub>2</sub> | C <sub>AB,2</sub> | L <sub>CIE</sub> <sup>*</sup> | L <sub>CIE</sub> <sup>*</sup> | L <sub>TUV</sub> <sup>*</sup> | L <sub>Tar</sub> <sup>*</sup> |      |
|------|---------|-------|-------|-------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------|
| R    | 570_775 | 59.53 | 38.15 | 3.01  | 0.591          | 0.378          | 0.598          | 491            | 1.27           | -0.031         | 0.681          | 58.4           | 28.4           | 65.0           | 25                | 2.11                          | 68.1                          | 68.8                          | 68.6                          | 65.7 |
| Y    | 496_775 | 75.27 | 84.84 | 6.65  | 0.451          | 0.508          | 0.733          | 468            | 0.67           | -0.031         | 0.299          | 2.8            | 63.3           | 63.4           | 87                | 4.71                          | 93.8                          | 94.7                          | 88.5                          | 79.3 |
| G    | 496_570 | 19.2  | 20.29 | 6.61  | 0.252          | 0.66           | 0.538          | 538            | 0.215          | -0.052         | 0.521          | -55.5          | 34.8           | 65.6           | 147               | 27.9                          | 76.2                          | 77.0                          | 75.5                          | 70.9 |
| C    | 380_570 | 30.71 | 55.44 | 74.2  | 0.191          | 0.345          | 0.491          | 598            | 0.235          | -0.535         | 0.469          | -58.4          | -28.4          | 65.0           | 205               | 3.08                          | 79.2                          | 80.0                          | 77.9                          | 72.6 |
| B    | 380_496 | 14.97 | 8.75  | 70.56 | 0.158          | 0.092          | 0.468          | 573            | 0.526          | -3.223         | 2.896          | -2.8           | -63.3          | 63.4           | 267               | 0.48                          | 35.5                          | 35.8                          | 32.0                          | 34.8 |
| M    | 570_496 | 71.04 | 43.31 | 70.6  | 0.384          | 0.234          | 0.538          | 538            | 1.17           | -0.652         | 0.606          | 55.5           | -34.8          | 65.6           | 327               | 2.4                           | 71.7                          | 72.4                          | 71.8                          | 68.1 |
| W    | 380_775 | 86.78 | 90.0  | 74.24 | 0.345          | 0.358          | 0.906          | 0.657          | -0.329         | 0.01           | 0.0            | 0.0            | 0.0            | 0.0            | 4.99              | 95.9                          | 96.9                          | 90.0                          | 80.1                          |      |
| N    | 380_775 | 3.47  | 3.6   | 2.96  | 0.345          | 0.358          | 3%             | 0.657          | -0.329         | 0.01           | 0.0            | 0.0            | 0.0            | 0.0            | 181               | 0.19                          | 22.3                          | 22.5                          | 10.0                          | 19.8 |
| U    | 380_775 | 17.35 | 18.0  | 14.84 | 0.345          | 0.358          | 18%            | 0.657          | -0.329         | 0.01           | 0.0            | 0.0            | 0.0            | 0.0            | 186               | 1.0                           | 49.5                          | 50.0                          | 50.0                          | 50.0 |

fec70-6a

XYZ<sub>w</sub>=100.93, 100.0, 64.68

-74 Parameter:

$$A_2 = 2.5 (a_2 - a_{2,n}) Y$$

$$B_2 = 2.5 (b_2 - b_{2,n}) Y$$

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

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

$$a_{20} = 1, b_{20} = -0.4$$

$$x_c = 0.110, B_c = 1.300$$

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

6 Ostwald colours (o),  $C_{AB,2} = \text{const}$   
colour space ( $C_{AB,2}, L_{CIE}^*$ )

$$L_{CIE}^* = L_{CIE}^*(Y) / L_{CIE}^*(18)$$

Illumin. P40,  $Y_w = 90.0, Y_c = 3.6$

| Name | Range   | X     | Y     | Z     | x <sub>N</sub> | y <sub>N</sub> | z <sub>N</sub> | λ <sub>a</sub> | λ <sub>c</sub> | a <sub>2</sub> | b <sub>2</sub> | c <sub>2</sub> | A <sub>2</sub> | B <sub>2</sub> | C <sub>AB,2</sub> | L <sub>CIE</sub> <sup>*</sup> | L <sub>CIE</sub> <sup>*</sup> | L <sub>TUV</sub> <sup>*</sup> | L <sub>Tar</sub> <sup>*</sup> |      |
|------|---------|-------|-------|-------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------|
| R    | 573_775 | 64.27 | 39.14 | 2.36  | 0.607          | 0.37           | 0.600          | 493            | 1.344          | -0.031         | 0.697          | 61.4           | 29.8           | 68.2           | 25                | 2.17                          | 68.8                          | 69.5                          | 69.3                          | 66.2 |
| Y    | 498_775 | 81.9  | 85.98 | 5.83  | 0.471          | 0.494          | 0.576          | 468            | 0.73           | -0.035         | 0.301          | 2.8            | 64.7           | 64.7           | 87                | 4.77                          | 94.3                          | 95.2                          | 88.7                          | 79.5 |
| G    | 498_573 | 21.25 | 50.43 | 57.18 | 0.274          | 0.65           | 0.540          | 520            | 0.25           | -0.059         | 0.54           | -58.5          | 34.8           | 68.1           | 149               | 28                            | 76.3                          | 77.1                          | 75.6                          | 70.9 |
| C    | 380_573 | 29.19 | 54.45 | 58.78 | 0.211          | 0.381          | 0.493          | 600            | 0.265          | -0.555         | 0.501          | -61.4          | -29.8          | 68.2           | 205               | 3.02                          | 78.7                          | 79.5                          | 77.5                          | 72.3 |
| B    | 380_498 | 12.57 | 7.61  | 54.71 | 0.167          | 0.101          | 0.468          | 576            | 0.568          | -3.733         | 3.4            | -2.8           | -64.7          | 64.7           | 267               | 0.42                          | 33.1                          | 33.5                          | 28.6                          | 32.1 |
| M    | 573_498 | 73.21 | 43.16 | 54.75 | 0.427          | 0.252          | 0.400          | 540            | 1.26           | -0.659         | 0.631          | 58.5           | -34.8          | 68.1           | 329               | 2.39                          | 71.6                          | 72.3                          | 71.7                          | 68.1 |
| W    | 380_775 | 90.83 | 90.0  | 58.22 | 0.379          | 0.376          | 90%            | 0.717          | -0.336         | 0.01           | 0.0            | 0.0            | 0.0            | 4.99           | 95.9              | 96.9                          | 90.0                          | 80.1                          |                               |      |
| N    | 380_775 | 3.63  | 3.6   | 2.32  | 0.379          | 0.376          | 3%             | 0.717          | -0.336         | 0.01           | 0.0            | 0.0            | 0.0            | 180            | 0.19              | 22.3                          | 22.5                          | 9.9                           | 19.8                          |      |
| U    | 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            | 169            | 1.0               | 49.5                          | 50.0                          | 50.0                          | 50.0                          |      |

fec70-7a

XYZ<sub>w</sub>=109.84, 99.99, 35.58

-74 Parameter:

$$A_2 = 2.5 (a_2 - a_{2,n}) Y$$

$$B_2 = 2.5 (b_2 - b_{2,n}) Y$$

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

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

$$a_{20} = 1, b_{20} = -0.4$$

$$x_c = 0.110, B_c = 2.500$$

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

6 Ostwald colours (o),  $C_{AB,2} = \text{const}$   
colour space ( $C_{AB,2}, L_{CIE}^*$ )

$$L_{CIE}^* = L_{CIE}^*(Y) / L_{CIE}^*(18)$$

Illumin. A00,  $Y_w = 90.0, Y_c = 3.6$

| Name | Range   | X     | Y     | Z     | x <sub>N</sub> | y <sub>N</sub> | z <sub>N</sub> | λ <sub>a</sub> | λ <sub>c</sub> | a <sub>2</sub> | b <sub>2</sub> | c <sub>2</sub> | A <sub>2</sub> | B <sub>2</sub> | C <sub>AB,2</sub> | L <sub>CIE</sub> <sup>*</sup> | L <sub>CIE</sub> <sup>*</sup> | L <sub>TUV</sub> <sup>*</sup> | L <sub>Tar</sub> <sup>*</sup> |      |
|------|---------|-------|-------|-------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------|
| R    | 579_775 | 72.97 | 40.76 | 1.31  | 0.634          | 0.354          | 0.605          | 499            | 1.479          | -0.032         | 0.727          | 66.3           | 32.9           | 74.0           | 26                | 2.26                          | 70.0                          | 70.7                          | 70.0                          | 67.0 |
| Y    | 504_775 | 94.21 | 86.52 | 3.29  | 0.511          | 0.47           | 0.581          | 474            | 0.854          | -0.038         | 0.318          | 5.7            | 68.7           | 68.9           | 85                | 4.8                           | 94.5                          | 95.4                          | 89.0                          | 79.6 |
| G    | 504_579 | 25.19 | 54.36 | 3.26  | 0.323          | 0.634          | 0.547          | 547            | 0.337          | -0.066         | 0.57           | -60.6          | 35.7           | 70.3           | 149               | 27.4                          | 75.6                          | 76.4                          | 75.0                          | 70.6 |
| C    | 380_579 | 29.84 | 49.83 | 31.98 | 0.26           | 0.46           | 0.499          | 605            | 0.326          | -0.605         | 0.561          | -66.3          | -32.9          | 74.0           | 206               | 2.93                          | 77.7                          | 78.5                          | 76.7                          | 71.8 |
| B    | 380_504 | 8.6   | 7.07  | 30.0  | 0.188          | 0.154          | 0.474          | 581            | 0.505          | -4.241         | 3.898          | -5.7           | -68.7          | 68.9           | 265               | 0.39                          | 31.9                          | 32.3                          | 26.7                          | 30.7 |
| M    | 579_504 | 77.62 | 42.33 | 30.04 | 0.51           | 0.291          | 0.547          | 547            | 1.376          | -0.679         | 0.636          | 60.6           | -35.7          | 70.3           | 329               | 2.45                          | 72.3                          | 73.1                          | 72.3                          | 68.5 |
| W    | 380_775 | 98.86 | 89.99 | 32.02 | 0.447          | 0.407          | 90%            | 0.828          | -0.355         | 0.01           | 0.0            | 0.0            | 0.0            | 4.99           | 95.9              | 96.9                          | 90.0                          | 80.1                          |                               |      |
| N    | 380_775 | 3.95  | 3.59  | 1.28  | 0.447          | 0.407          | 3%             | 0.828          | -0.355         | 0.01           | 0.0            | 0.0            | 0.0            | 181            | 0.19              | 22.3                          | 22.5                          | 9.9                           | 19.8                          |      |
| U    | 380_775 | 19.77 | 17.99 | 6.4   | 0.447          | 0.407          | 18%            | 0.828          | -0.355         | 0.01           | 0.0            | 0.0            | 0.0            | 180            | 1.0               | 49.5                          | 50.0                          | 50.0                          | 50.0                          |      |

fec70-8a