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technical information: <http://www.ps.bam.de> or <http://farbe.li-tu-berlin.de>

<http://farbe.li-tu-berlin.de/XE70/XE70LONA.TXT> /PS; start output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 1/1

95.18 100.0 44.15 188.03196.9
 $\Delta(Y,x,y):1.19$ 0.0 0.0
95.18 100.0 44.15 70.17 74.13
 $\Delta(Y,x,y):0.41$ 0.0 0.0
95.18 100.0 44.15 32.53 34.31
 $\Delta(Y,x,y):0.18$ 0.0 0.0
95.18 100.0 44.15 16.92 17.69
 $\Delta(Y,x,y):0.09$ 0.0 0.0
95.18 100.0 44.15 8.86 9.15
 $\Delta(Y,x,y):0.07$ 0.001 0.0
95.18 100.0 44.15 4.58 4.65
 $\Delta(Y,x,y):0.05$ -0.0002 0.0
95.18 100.0 44.15 2.95 3.14
 $\Delta(Y,x,y):0.04$ 0.0001 0.0001

90.38 100.0 87.54 4.52 14.96
 $\Delta(Y,x,y):0.06$ 0.001 -0.0002
90.38 100.0 87.54 10.21 15.71
 $\Delta(Y,x,y):0.06$ 0.003 0.0
90.38 100.0 87.54 14.83 16.52
 $\Delta(Y,x,y):0.06$ 0.0 0.0
90.38 100.0 87.54 32.65 16.96
 $\Delta(Y,x,y):0.07$ -0.0003 0.003
90.38 100.0 87.54 39.3 17.17
 $\Delta(Y,x,y):0.09$ -0.0004 0.0005

90.38 100.0 87.54 14.82 17.29
 $\Delta(Y,x,y):0.07$ 0.0001 0.0002
90.38 100.0 87.54 15.24 17.26
 $\Delta(Y,x,y):0.06$ 0.0001 0.0
90.38 100.0 87.54 14.79 16.44
 $\Delta(Y,x,y):0.06$ 0.0 0.0
90.38 100.0 87.54 16.97 17.72
 $\Delta(Y,x,y):0.05$ -0.0005 -0.0004
90.38 100.0 87.54 17.98 18.46
 $\Delta(Y,x,y):0.05$ -0.0006 -0.0006

1-000030-L0

95.18 100.0 44.15 188.03196.9
 $\Delta(L^*a^*b^*)^*0.29$ 0.0 0.0
95.18 100.0 44.15 70.17 74.13
 $\Delta(L^*a^*b^*)^*0.19$ 0.0 0.0
95.18 100.0 44.15 32.53 34.31
 $\Delta(L^*a^*b^*)^*0.14$ 0.0 0.0
95.18 100.0 44.15 16.92 17.69
 $\Delta(L^*a^*b^*)^*0.12$ 0.0 0.0
95.18 100.0 44.15 8.86 9.15
 $\Delta(L^*a^*b^*)^*0.15$ 0.0
95.18 100.0 44.15 4.58 4.65
 $\Delta(L^*a^*b^*)^*0.15$ 0.0
95.18 100.0 44.15 2.95 3.14
 $\Delta(L^*a^*b^*)^*0.19$ 0.0 0.02

90.38 100.0 87.54 4.52 14.96
 $\Delta(L^*a^*b^*)^*0.09$ 0.46 0.03
90.38 100.0 87.54 10.21 15.71
 $\Delta(L^*a^*b^*)^*0.09$ 0.11 0.01
90.38 100.0 87.54 14.83 16.52
 $\Delta(L^*a^*b^*)^*0.08$ 0.0 0.0
90.38 100.0 87.54 32.65 16.96
 $\Delta(L^*a^*b^*)^*0.10$ 0.0 0.04
90.38 100.0 87.54 39.3 17.17
 $\Delta(L^*a^*b^*)^*0.11$ 0.0 0.06

90.38 100.0 87.54 14.82 17.29
 $\Delta(L^*a^*b^*)^*0.08$ 0.0 0.03
90.38 100.0 87.54 15.24 17.26
 $\Delta(L^*a^*b^*)^*0.07$ 0.001 0.01
90.38 100.0 87.54 14.79 16.44
 $\Delta(L^*a^*b^*)^*0.07$ 0.0 0.00
90.38 100.0 87.54 16.97 17.72
 $\Delta(L^*a^*b^*)^*0.07$ 0.0 0.0
90.38 100.0 87.54 17.98 18.46
 $\Delta(L^*a^*b^*)^*0.07$ 0.0 0.0

1-000030-L0

86.68 189.17198.1 87.21 1.0
 $(Y0,x0,y0):196.9$ 0.3986 0.4175
34.75 70.56 74.54 34.94 1.0
 $(Y0,x0,y0):74.13$ 0.3919 0.4139
16.02 32.7 34.49 16.11 1.0
 $(Y0,x0,y0):34.31$ 0.3926 0.414
7.98 17.01 17.78 8.02 1.0
 $(Y0,x0,y0):17.69$ 0.3972 0.4153
3.85 8.93 9.23 3.88 1.0
 $(Y0,x0,y0):9.15$ 0.4052 0.4185
1.7 4.6 4.7 1.8 1.0
 $(Y0,x0,y0):4.65$ 0.4159 0.4226
1.54 2.99 3.19 1.57 1.0
 $(Y0,x0,y0):3.14$ 0.3859 0.4113

18.28 4.59 15.03 18.34 1.0
 $(Y0,x0,y0):14.96$ 0.1198 0.3961
16.22 10.27 15.78 16.28 1.0
 $(Y0,x0,y0):15.71$ 0.2422 0.3728
14.83 14.89 16.59 14.89 1.0
 $(Y0,x0,y0):16.52$ 0.321 0.3577
21.4 32.72 17.04 21.47 1.0
 $(Y0,x0,y0):16.96$ 0.4597 0.2388
24.55 39.37 17.26 24.62 1.0
 $(Y0,x0,y0):17.17$ 0.485 0.2119

27.23 14.88 17.36 27.3 1.0
 $(Y0,x0,y0):17.29$ 0.2497 0.2914
20.47 15.3 17.32 20.53 1.0
 $(Y0,x0,y0):17.26$ 0.2877 0.3257
14.52 14.84 16.51 14.58 1.0
 $(Y0,x0,y0):16.44$ 0.3232 0.3593
4.43 17.02 17.78 4.48 1.0
 $(Y0,x0,y0):17.2$ 0.4338 0.4529
0.7 18.04 18.52 0.75 1.0
 $(Y0,x0,y0):18.46$ 0.4841 0.4968

1-000030-L0

95.18 100.0 44.15 188.03196.9
 $\Delta(L^*a^*b^*)^*0.29$ 0.0 0.0
95.18 100.0 44.15 70.17 74.13
 $\Delta(L^*a^*b^*)^*0.19$ 0.0 0.0
95.18 100.0 44.15 32.53 34.31
 $\Delta(L^*a^*b^*)^*0.14$ 0.0 0.0
95.18 100.0 44.15 16.92 17.69
 $\Delta(L^*a^*b^*)^*0.12$ 0.0 0.0
95.18 100.0 44.15 8.86 9.15
 $\Delta(L^*a^*b^*)^*0.15$ 0.0
95.18 100.0 44.15 4.58 4.65
 $\Delta(L^*a^*b^*)^*0.15$ 0.0
95.18 100.0 44.15 2.95 3.14
 $\Delta(L^*a^*b^*)^*0.19$ 0.0 0.02

90.38 100.0 87.54 4.52 14.96
 $\Delta(L^*a^*b^*)^*0.09$ 0.46 0.03
90.38 100.0 87.54 10.21 15.71
 $\Delta(L^*a^*b^*)^*0.09$ 0.11 0.01
90.38 100.0 87.54 14.83 16.52
 $\Delta(L^*a^*b^*)^*0.08$ 0.0 0.0
90.38 100.0 87.54 32.65 16.96
 $\Delta(L^*a^*b^*)^*0.10$ 0.0 0.04
90.38 100.0 87.54 39.3 17.17
 $\Delta(L^*a^*b^*)^*0.11$ 0.0 0.06

90.38 100.0 87.54 14.82 17.29
 $\Delta(L^*a^*b^*)^*0.08$ 0.0 0.03
90.38 100.0 87.54 15.24 17.26
 $\Delta(L^*a^*b^*)^*0.07$ 0.001 0.01
90.38 100.0 87.54 14.79 16.44
 $\Delta(L^*a^*b^*)^*0.07$ 0.0 0.00
90.38 100.0 87.54 16.97 17.72
 $\Delta(L^*a^*b^*)^*0.07$ 0.0 0.0
90.38 100.0 87.54 17.98 18.46
 $\Delta(L^*a^*b^*)^*0.07$ 0.0 0.0

1-000030-L0

XE700-3N_3

1.54 21000.3 (WPN WN60) 129 0 0
 $(Ym,xm,ym):197.5$ 0.3986 0.4175
1.37 21000.3 (WPN WN60) 89 0 -3
 $(Ym,xm,ym):74.33$ 0.3919 0.414
1.24 21000.3 (WPN WN60) 65 0 -2
 $(Ym,xm,ym):34.4$ 0.3926 0.414
1.25 21000.3 (WPN WN60) 49 0 0
 $(Ym,xm,ym):17.73$ 0.3972 0.4153
1.7 21000.3 (WPN WN60) 36 1 1
 $(Ym,xm,ym):9.23$ 0.4051 0.4185
1.7 21000.3 (WPN WN60) 25 1 3
 $(Ym,xm,ym):4.67$ 0.4157 0.4226
2.12 21000.3 (WPN WN60) 20 0 -2
 $(Ym,xm,ym):3.17$ 0.386 0.4114

1.1 11000.3 (GDR WN60) 45 -80 -12
 $(Yl,xl,yl):15.03$ 0.1209 0.3959
0.99 11000.3 (GDR WN60) 46 -28 -6
 $(Yl,xl,yl):15.75$ 0.2424 0.3728
0.92 11000.3 (GDR WN60) 47 0 0
 $(Yl,xl,yl):16.56$ 0.321 0.3578
1.17 11000.3 (GDR WN60) 48 79 -14
 $(Yl,xl,yl):17.0$ 0.4596 0.239
1.37 11000.3 (GDR WN60) 48 100 -19
 $(Yl,xl,yl):17.22$ 0.4847 0.2122

0.94 11000.3 (BDY WN60) 48 -4 -24
 $(Yl,xl,yl):17.33$ 0.2497 0.2915
0.77 11000.3 (BDY WN60) 48 -2 -11
 $(Yl,xl,yl):17.29$ 0.2877 0.3258
0.79 11000.3 (BDY WN60) 47 0 0
 $(Yl,xl,yl):16.47$ 0.3232 0.3593
0.8 11000.3 (BDY WN60) 49 5 38
 $(Yl,xl,yl):17.75$ 0.4335 0.4527
0.79 11000.3 (BDY WN60) 50 7 73
 $(Yl,xl,yl):18.49$ 0.4838 0.4965

XE700-7N_6

95.18 100.0 44.15 189.09197.4786.99
 $\Delta(L^*a^*b^*)^*0.01$ -1, 0.10
95.18 100.0 44.15 70.57 74.32
 $\Delta(L^*a^*b^*)^*0.00$ 0, 0.10
95.18 100.0 44.15 32.72 34.39
 $\Delta(L^*a^*b^*)^*0.00$ 0, 0.08
95.18 100.0 44.15 17.03 17.73
 $\Delta(L^*a^*b^*)^*0.01$ 0, 0.06
95.18 100.0 44.15 8.93 9.19
 $\Delta(L^*a^*b^*)^*0.00$ 0, 0.07
95.18 100.0 44.15 4.62 4.68
 $\Delta(L^*a^*b^*)^*0.00$ 0, 0.07
95.18 100.0 44.15 2.99 3.17
 $\Delta(L^*a^*b^*)^*0.00$ 0, 0.06

90.38 100.0 87.54 4.69 14.99
 $\Delta(L^*a^*b^*)^*0.01$ -3, 0.04
90.38 100.0 87.54 10.34 15.74
 $\Delta(L^*a^*b^*)^*0.01$ -1, 0.05
90.38 100.0 87.54 14.92 16.55
 $\Delta(L^*a^*b^*)^*0.01$ 0, 0.02
90.38 100.0 87.54 32.83 16.99
 $\Delta(L^*a^*b^*)^*0.01$ -1, 0.03
90.38 100.0 87.54 39.49 17.21
 $\Delta(L^*a^*b^*)^*0.02$ -1, 0.03

90.38 100.0 87.54 14.92 17.32
 $\Delta(L^*a^*b^*)^*0.01$ 0, 0.01
90.38 100.0 87.54 15.33 17.28
 $\Delta(L^*a^*b^*)^*0.01$ 0, 0.02
90.38 100.0 87.54 14.87 16.48
 $\Delta(L^*a^*b^*)^*0.00$ 0, 0.03
90.38 100.0 87.54 17.07 17.74
 $\Delta(L^*a^*b^*)^*0.01$ 0, 0.11
90.38 100.0 87.54 18.09 18.48
 $\Delta(L^*a^*b^*)^*0.01$ 0, 0.40

1-000030-L0

1.54 21000.3 (WPN WN60) 129 0 0
 $(Ym,xm,ym):197.5$ 0.3986 0.4175
1.37 21000.3 (WPN WN60) 89 0 -3
 $(Ym,xm,ym):74.33$ 0.3919 0.414
1.24 21000.3 (WPN WN60) 65 0 -2
 $(Ym,xm,ym):34.4$ 0.3926 0.414
1.25 21000.3 (WPN WN60) 49 0 0
 $(Ym,xm,ym):17.73$ 0.3972 0.4153
1.7 21000.3 (WPN WN60) 36 1 1
 $(Ym,xm,ym):9.23$ 0.4051 0.4185
1.7 21000.3 (WPN WN60) 25 1 3
 $(Ym,xm,ym):4.67$ 0.4157 0.4226
2.12 21000.3 (WPN WN60) 20 0 -2
 $(Ym,xm,ym):3.17$ 0.386 0.4114

1.1 11000.3 (GDR WN60) 45 -80 -12
 $(Yl,xl,yl):15.03$ 0.1209 0.3959
0.99 11000.3 (GDR WN60) 46 -28 -6
 $(Yl,xl,yl):15.75$ 0.2424 0.3728
0.92 11000.3 (GDR WN60) 47 0 0
 $(Yl,xl,yl):16.56$ 0.321 0.3578
1.17 11000.3 (GDR WN60) 48 79 -14
 $(Yl,xl,yl):17.0$ 0.4596 0.239
1.37 11000.3 (GDR WN60) 48 100 -19
 $(Yl,xl,yl):17.22$ 0.4847 0.2122

0.94 11000.3 (BDY WN60) 48 -4 -24
 $(Yl,xl,yl):17.33$ 0.2497 0.2915
0.77 11000.3 (BDY WN60) 48 -2 -11
 $(Yl,xl,yl):17.29$ 0.2877 0.3258
0.79 11000.3 (BDY WN60) 47 0 0
 $(Yl,xl,yl):16.47$ 0.3232 0.3593
0.8 11000.3 (BDY WN60) 49 5 38
 $(Yl,xl,yl):17.75$ 0.4335 0.4527
0.79 11000.3 (BDY WN60) 50 7 73
 $(Yl,xl,yl):18.49$ 0.4838 0.4965

1-000030-L0

1.13 1.13 1.08 1.59 1.63
 $(L^*1,a^*1,b^*1):129.54$ 0.10 0.31
0.9 0.9 0.85 1.18 1.24
 $(L^*1,a^*1,b^*1):89.09$ -1, -3
0.75 0.75 0.72 1.0 1.07
 $(L^*1,a^*1,b^*1):65.29$ 0, -2
0.72 0.72 0.7 1.02 1.04
 $(L^*1,a^*1,b^*1):49.19$ 0.11 0.0
0.62 0.62 0.59 0.85 0.87
 $(L^*1,a^*1,b^*1):36.36$ 1.27 1.40
0.65 0.65 0.6 0.9 0.89
 $(L^*1,a^*1,b^*1):25.83$ 1.66 3.41
0.67 0.67 0.65 0.9 0.94
 $(L^*1,a^*1,b^*1):20.75$ -1, -2

3.6 3.6 0.81 1.16 0.8
 $(L^*1,a^*1,b^*1):45.65$ -82, -12
1.69 1.69 0.78 0.89 0.79
 $(L^*1,a^*1,b^*1):46.65$ -28, -6
0.79 0.79 0.77 1.14 1.13
 $(L^*1,a^*1,b^*1):47.71$ -1, 0
1.09 1.09 0.24 0.37 0.24
 $(L^*1,a^*1,b^*1):48.27$ 79.24 -14
1.1 1.1 0.2 0.34 0.2
 $(L^*1,a^*1,b^*1):48.56$ 100.17 -19

0.94 0.94 0.68 0.8 0.75
 $(L^*1,a^*1,b^*1):48.69$ -5, -24
0.79 0.79 0.67 0.94 0.94
 $(L^*1,a^*1,b^*1):48.64$ -2, -11
0.7 0.7 0.69 1.06 1.02
 $(L^*1,a^*1,b^*1):47.61$ 0, 0
0.86 0.86 0.55 0.78 0.65
 $(L^*1,a^*1,b^*1):49.20$ 5.48 38.24
1.01 1.01 0.46 0.64 0.59
 $(L^*1,a^*1,b^*1):50.10$ 6.76 73.53

1-000030-L0

1.76 1.76 1.72 2.49 1.72
 $(L^*1,a^*1,b^*1):129.54$ 0.60 0.0
1.16 1.16 1.02 1.4 1.0
 $(L^*1,a^*1,b^*1):89.09$ 0, -4
1.02 1.02 0.93 1.32 0.91
 $(L^*1,a^*1,b^*1):65.29$ 0, -3
0.95 0.95 0.93 1.41 0.93
 $(L^*1,a^*1,b^*1):49.19$ 0.42 -1
1.08 1.08 1.0 1.43 1.02
 $(L^*1,a^*1,b^*1):36.36$ 1.23 0.86
1.31 1.31 1.12 1.54 1.15
 $(L^*1,a^*1,b^*1):25.83$ 1.93 2.72
0.97 0.97 0.89 1.28 0.88
 $(L^*1,a^*1,b^*1):20.75$ 0, -2

0.57 0.57 0.22 0.22 0.22
 $(L^*1,a^*1,b^*1):45.64$ -80, -12
0.47 0.47 0.31 0.3 0.3
 $(L^*1,a^*1,b^*1):46.65$ -28, -6
0.49 0.49 0.48 0.71 0.48
 $(L^*1,a^*1,b^*1):47.71$ 0, 0
0.63 0.63 0.28 0.54 0.23
 $(L^*1,a^*1,b^*1):48.27$ 79.24 -14
0.74 0.74 0.29 0.57 0.23
 $(L^*1,a^*1,b^*1):48.55$ 100.68 -20

0.37 0.37 0.17 0.2 0.17
 $(L^*1,a^*1,b^*1):48.68$ -4, -24
0.44 0.44 0.28 0.34 0.29
 $(L^*1,a^*1,b^*1):48.63$ -2, -11
0.46 0.46 0.45 0.7 0.46
 $(L^*1,a^*1,b^*1):47.61$ 0, 0
1.24 1.24 0.45 0.54 0.45
 $(L^*1,a^*1,b^*1):49.20$ 5.43 37.62
4.85 4.85 1.1 1.59 1.14
 $(L^*1,a^*1,b^*1):50.10$ 7.16 70.85

1-000030-L0

XE701-3N_7

1.7 21000.1 (WPN BY60) 129 0 0
 $(L^*m,a^*m,b^*m):129.54$ 0.67 0.25
1.57 21000.1 (WPN BY60) 89 0 -3
 $(L^*m,a^*m,b^*m):89.08$ 0, -3
1.71 21000.1 (WPN BY60) 65 0 -2
 $(L^*m,a^*m,b^*m):65.28$ 0, -2
1.81 21000.1 (WPN BY60) 49 0 0
 $(L^*m,a^*m,b^*m):49.19$ 0.46 0
2.17 21000.1 (WPN BY60) 36 1 1
 $(L^*m,a^*m,b^*m):36.36$ 1.27 1.41
2.47 21000.1 (WPN BY60) 25 1 3
 $(L^*m,a^*m,b^*m):25.83$ 1.98 3.37
2.08 21000.1 (WPN BY60) 20 0 -2
 $(L^*m,a^*m,b^*m):20.75$ 0, -2

2.17 11000.0 (GDR BY60) 45 -80 -12
 $(L^*m,a^*m,b^*m):45.64$ -80, -12
1.84 11000.0 (GDR BY60) 46 -28 -6
 $(L^*m,a^*m,b^*m):46.65$ -28, -6
1.87 11000.0 (GDR BY60) 47 0 0
 $(L^*m,a^*m,b^*m):47.71$ 0, 0
2.62 11000.0 (GDR BY60) 48 79 -14
 $(L^*m,a^*m,b^*m):48.27$ 79.24 -14
3.12 11000.0 (GDR BY60) 48 100 -19
 $(L^*m,a^*m,b^*m):48.54$ 100.73 -19

1.55 11000.0 (BDY BY60) 48 -4 -24
 $(L^*m,a^*m,b^*m):48.68$ -4, -24
1.75 11000.0 (BDY BY60) 48 -2 -11
 $(L^*m,a^*m,b^*m):48.63$ -2, -11
1.74 11000.0 (BDY BY60) 47 0 0
 $(L^*m,a^*m,b^*m):47.61$ 0, 0
1.6 11000.0 (BDY BY60) 49 5 38
 $(L^*m,a^*m,b^*m):49.20$ 5.48 38.24
1.74 11000.0 (BDY BY60) 50 7 73
 $(L^*m,a^*m,b^*m):50.09$ 7.22 73.28

XE701-7N_8

TUB-test chart XE70; Colour thresholds data
IX experiments: Series WPN, GDR, BDY in directions WN, GR, BY; LABJND_A & D65

input: w/rgb/cmyk -> w/rgb/cmyk-
TUB material: code=rh4ta

TUB registration: 20161001-XE70/XE70LONA.TXT /PS
application for measurement of print or display output

TUB material: code=rh4ta