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TUB registration: 20201101-AEL6/AEL8L0N1.TXT /PS
application for evaluation and measurement of display or print output, no separation
TUB material code=thada

TL500 Reflection colorimetry, System sRGB, CIELAB-LabC*h, $Y_{N0} = 0.0$, $L^*_{N0} = 0.0$, $Y_{Za} = 18.0$

Colour r	g	b	X	Y	Z	x	y
R_d	1.0	0.0	0.0	36.53(=36.53+0.0)	18.84(=18.84+0.0)	1.72(=1.72+0.0)	0.6399 0.33
Y_d	1.0	1.0	0.0	76.96(=76.96+0.0)	92.74(=92.74+0.0)	13.85(=13.85+0.0)	0.4193 0.5053
G_d	1.0	0.0	0.0	35.75(=35.75+0.0)	71.48(=71.49+0.0)	11.91(=11.91+0.0)	0.3 0.6
C_d	0.0	1.0	0.0	53.79(=53.79+0.0)	78.1(=78.71+0.0)	106.94(=106.94+0.0)	0.2247 0.3287
B_d	0.0	0.0	1.0	18.05(=18.05+0.0)	7.23(=7.23+0.0)	95.02(=95.02+0.0)	0.15 0.0601
M_d	1.0	0.0	0.0	59.26(=59.26+0.0)	28.27(=28.47+0.0)	96.95(=96.95+0.0)	0.3209 0.1542
$N0_d$	0.0	0.0	0.0	0.02(=0.02+0.0)	0.02(=0.02+0.0)	0.02(=0.02+0.0)	0.3328 0.3328
$W0_d$	1.0	1.0	1.0	84.17(=84.17+0.0)	88.56(=88.56+0.0)	96.44(=96.44+0.0)	0.3127 0.329
$N1_d$	0.0	0.0	0.0	0.02(=0.02+0.0)	0.02(=0.02+0.0)	0.02(=0.02+0.0)	0.3328 0.3328
$W1_d$	1.13	1.13	1.13	95.0(=95.0+0.0)	99.95(=99.95+0.0)	108.85(=108.85+0.0)	0.3127 0.329
$Z1_d$	0.18	0.18	0.18	17.11(=17.11+0.0)	18.0(=18.0+0.0)	19.6(=19.6+0.0)	0.3127 0.329

TL506 Reflection colorimetry, System sRGB, CIELAB-LabC*h, $Y_{N0} = 0.63$, $L^*_{N0} = 5.69$, $Y_{Za} = 18.0$

Colour r	g	b	X	Y	Z	x	y
R_d	1.0	0.0	0.0	35.88(=35.28+0.6)	90.81(=18.18+0.63)	2.32(=1.63+0.69)	0.6294 0.33
Y_d	1.0	1.0	0.0	74.96(=74.36+0.6)	90.25(=89.62+0.63)	14.05(=13.36+0.69)	0.4182 0.5035
G_d	1.0	0.0	0.0	35.13(=34.53+0.6)	69.71(=69.08+0.63)	12.17(=11.49+0.69)	0.3002 0.5958
C_d	0.0	1.0	0.0	52.57(=51.97+0.6)	76.69(=76.06+0.63)	104.01(=103.32+0.69)	0.2254 0.3288
B_d	0.0	0.0	1.0	18.02(=17.42+0.6)	7.58(=6.95+0.63)	92.49(=91.81+0.69)	0.1526 0.0642
M_d	1.0	0.0	0.0	57.85(=57.25+0.6)	28.13(=27.5+0.63)	94.36(=93.67+0.69)	0.3208 0.156
$N0_d$	0.0	0.0	0.0	0.59(=0.0+0.6)	0.62(=0.0+0.63)	0.68(=0.0+0.69)	0.3128 0.3282
$W0_d$	1.0	1.0	1.0	81.94(=81.34+0.6)	86.21(=85.58+0.63)	93.87(=93.18+0.69)	0.3127 0.329
$N1_d$	0.0	0.0	0.0	0.59(=0.0+0.6)	0.62(=0.0+0.63)	0.68(=0.0+0.69)	0.3128 0.3282
$W1_d$	1.13	1.13	1.13	92.41(=91.81+0.6)	97.23(=96.6+0.63)	105.88(=105.18+0.69)	0.3127 0.329
$Z1_d$	0.18	0.18	0.18	17.11(=16.51+0.6)	18.0(=17.37+0.63)	19.6(=18.91+0.69)	0.3127 0.329

TL511 Reflection colorimetry, System sRGB, CIELAB-LabC*h, $Y_{N0} = 1.26$, $L^*_{N0} = 11.0$, $Y_{Za} = 18.0$

Colour r	g	b	X	Y	Z	x	y
R_d	1.0	0.0	0.0	35.27(=34.07+1.2)	87.79(=17.53+1.26)	2.88(=1.51+1.37)	0.6195 0.33
Y_d	1.0	1.0	0.0	73.07(=71.87+1.2)	18.98(=86.63+1.26)	14.22(=11.85+1.37)	0.4171 0.5017
G_d	1.0	0.0	0.0	34.54(=33.34+1.2)	68.02(=66.76+1.26)	12.41(=11.04+1.37)	0.3004 0.5916
C_d	0.0	1.0	0.0	51.4(=50.21+1.2)	74.77(=73.51+1.26)	101.27(=99.91+1.37)	0.226 0.3287
B_d	0.0	0.0	1.0	17.99(=16.79+1.2)	7.93(=6.67+1.26)	91.31(=88.76+1.37)	0.155 0.0673
M_d	1.0	0.0	0.0	56.52(=55.32+1.2)	27.79(=26.53+1.26)	90.93(=90.56+1.37)	0.3207 0.1577
$N0_d$	0.0	0.0	0.0	1.13(=0.0+1.2)	1.19(=0.0+1.26)	1.29(=0.0+1.37)	0.3134 0.329
$W0_d$	1.0	1.0	1.0	79.81(=78.61+1.2)	83.98(=82.72+1.26)	91.44(=90.09+1.37)	0.3127 0.329
$N1_d$	0.0	0.0	0.0	1.13(=0.0+1.2)	1.19(=0.0+1.26)	1.29(=0.0+1.37)	0.3134 0.329
$W1_d$	1.13	1.13	1.13	89.94(=88.74+1.2)	94.64(=93.38+1.26)	102.97(=101.69+1.37)	0.3127 0.329
$Z1_d$	0.18	0.18	0.18	17.11(=15.91+1.2)	18.0(=16.74+1.26)	19.6(=18.23+1.37)	0.3127 0.329

TL518 Reflection colorimetry, System sRGB, CIELAB-LabC*h, $Y_{N0} = 2.52$, $L^*_{N0} = 18.01$, $Y_{Za} = 18.0$

Colour r	g	b	X	Y	Z	x	y
R_d	1.0	0.0	0.0	34.15(=31.75+2.4)	18.74(=16.22+2.52)	3.9(=1.16+2.74)	0.6013 0.3299
Y_d	1.0	1.0	0.0	69.62(=67.23+2.4)	83.6(=81.08+2.52)	14.56(=11.81+2.74)	0.415 0.4983
G_d	1.0	0.0	0.0	33.47(=31.07+2.4)	64.95(=62.43+2.52)	12.85(=10.11+2.74)	0.3008 0.5837
C_d	0.0	1.0	0.0	49.3(=46.9+2.4)	71.28(=68.76+2.52)	96.26(=93.52+2.74)	0.2273 0.3287
B_d	0.0	0.0	1.0	17.93(=15.54+2.4)	8.54(=6.02+2.52)	85.81(=83.06+2.74)	0.1597 0.0761
M_d	1.0	0.0	0.0	54.09(=51.7+2.4)	27.19(=24.67+2.52)	87.54(=84.76+2.74)	0.3205 0.1611
$N0_d$	0.0	0.0	0.0	2.11(=0.27+2.4)	2.22(=0.29+2.52)	2.41(=0.32+2.74)	0.3133 0.329
$W0_d$	1.0	1.0	1.0	75.96(=73.56+2.4)	79.93(=77.41+2.52)	87.05(=84.31+2.74)	0.3127 0.329
$N1_d$	0.0	0.0	0.0	2.11(=0.27+2.4)	2.22(=0.29+2.52)	2.41(=0.32+2.74)	0.3133 0.329
$W1_d$	1.13	1.13	1.13	85.46(=83.07+2.4)	89.93(=87.41+2.52)	97.95(=95.2+2.74)	0.3127 0.329
$Z1_d$	0.18	0.18	0.18	17.11(=14.71+2.4)	18.0(=15.48+2.52)	19.6(=16.86+2.74)	0.3127 0.329

TL527 Reflection colorimetry, System sRGB, CIELAB-LabC*h, $Y_{N0} = 5.04$, $L^*_{N0} = 26.85$, $Y_{Za} = 18.0$

Colour r	g	b	X	Y	Z	x	y
R_d	1.0	0.0	0.0	32.29(=27.54+4.75)	18.66(=13.62+5.04)	5.62(=0.14+5.49)	0.4111 0.4917
Y_d	1.0	1.0	0.0	63.89(=59.14+4.75)	76.42(=71.38+5.04)	15.11(=9.62+5.49)	0.3008 0.329
G_d	1.0	0.0	0.0	31.68(=26.99+4.75)	59.81(=54.77+5.04)	13.68(=8.11+5.49)	0.3015 0.5692
C_d	0.0	1.0	0.0	45.78(=40.49+4.75)	65.45(=60.41+5.04)	87.86(=82.37+5.49)	0.2029 0.3287
B_d	0.0	0.0	1.0	17.84(=13.05+4.75)	9.58(=4.54+5.04)	78.55(=73.06+5.49)	0.1684 0.0904
M_d	1.0	0.0	0.0	50.06(=45.27+4.75)	21.91(=21.15+5.04)	80.06(=74.57+5.49)	0.3203 0.1675
$N0_d$	0.0	0.0	0.0	3.75(=1.03+4.75)	3.95(=1.08+5.04)	4.3(=1.18+5.49)	0.3127 0.329
$W0_d$	1.0	1.0	1.0	69.53(=64.74+4.75)	73.16(=68.12+5.04)	79.66(=74.17+5.49)	0.3127 0.329
$N1_d$	0.0	0.0	0.0	3.75(=1.03+4.75)	3.95(=1.08+5.04)	4.3(=1.18+5.49)	0.3127 0.329
$W1_d$	1.13	1.13	1.13	78.0(=73.21+4.75)	82.06(=77.02+5.04)	89.36(=83.87+5.49)	0.3127 0.329
$Z1_d$	0.18	0.18	0.18	17.11(=12.32+4.75)	18.0(=12.96+5.04)	19.6(=14.11+5.49)	0.3127 0.329

TL538 Reflection colorimetry, System sRGB, CIELAB-LabC*h, $Y_{N0} = 10.08$, $L^*_{N0} = 37.99$, $Y_{Za} = 18.0$

Colour r	g	b	X	Y	Z	x	y
R_d	1.0	0.0	0.0	30.05(=20.47+9.58)	18.54(=8.46+10.08)	8.13(=2.83+10.98)	0.2598 0.3268
Y_d	1.0	1.0	0.0	56.99(=47.41+9.58)	65.94(=55.86+10.08)	15.92(=9.44+10.98)	0.4105 0.4749
G_d	1.0	0.0	0.0	29.53(=19.95+9.58)	52.31(=42.23+10.08)	14.67(=3.7+10.98)	0.306 0.542
C_d	0.0	1.0	0.0	41.55(=31.97+9.58)	56.94(=46.86+10.08)	75.61(=64.37+10.98)	0.2387 0.327
B_d	0.0	0.0	1.0	17.74(=8.16+9.58)	11.09(=1.01+10.08)	67.97(=56.99+10.98)	0.1832 0.1146
M_d	1.0	0.0	0.0	45.2(=35.62+9.58)	24.72(=14.64+10.08)	69.21(=58.23+10.98)	0.3129 0.1777
$N0_d$	0.0	0.0	0.0	5.72(=3.85+9.58)	6.47(=3.6+10.08)	7.04(=3.92+10.98)	0.2975 0.3363
$W0_d$	1.0	1.0	1.0	61.8(=52.22+9.58)	63.26(=53.18+10.08)	68.88(=57.9+10.98)	0.3187 0.3263
$N1_d$	0.0	0.0	0.0	5.72(=3.85+9.58)	6.47(=3.6+10.08)	7.04(=3.92+10.98)	0.2975 0.3363
$W1_d$	1.13	1.13	1.13	69.02(=59.44+9.58)	70.56(=60.48+10.08)	76.64(=65.86+10.98)	0.3189 0.326
$Z1_d$	0.18	0.18	0.18	17.11(=7.53+9.58)	18.0(=7.92+10.08)	19.6(=8.63+10.98)	0.3127 0.329

TL552 Reflection colorimetry, System sRGB, CIELAB-LabC*h, $Y_{N0} = 20.16$, $L^*_{N0} = 52.02$, $Y_{Za} = 18.0$

Colour r	g	b	X	Y	Z	x	y
R_d	1.0	0.0	0.0	26.28(=7.12+19.16)	18.4(=1.75+20.16)	11.16(=10.78+21.95)	0.4076 0.3295
Y_d	1.0	1.0	0.0	45.36(=26.2+19.16)	53.27(=33.11+20.16)	16.89(=5.05+21.95)	0.3926 0.4612
G_d	1.0	0.0	0.0	25.91(=6.75+19.16)	43.25(=23.09+20.16)	15.97(=5.97+21.95)	0.3043 0.508
C_d	0.0	1.0	0.0	34.42(=15.26+19.16)	46.55(=26.49+20.16)	68.02(=38.87+21.95)	0.2426 0.3288
B_d	0.0	0.0	1.0	17.55(=1.6+19.16)	12.92(=7.23+20.16)	55.21(=33.25+21.95)	0.2049 0.1505
M_d	1.0	0.0	0.0	37.0(=17.84+19.16)	22.94(=2.78+20.16)	56.1(=34.16+21.95)	0.3188 0.1977
$N0_d$	0.0	0.0	0.0	9.04(=10.11+19.16)	9.51(=10.64+20.16)	10.36(=11.58+21.95)	0.3127 0.329
$W0_d$	1.0	1.0	1.0	48.76(=29.61+19.16)	51.3(=31.14+20.16)	56.87(=33.92+21.95)	0.3127 0.329
$N1_d$	0.0	0.0	0.0	9.04(=10.11+19.16)	9.51(=10.64+20.16)	10.36(=11.58+21.95)	0.3127 0.329
$W1_d$	1.13	1.13	1.13	53.88(=34.72+19.16)	56.68(=36.52+20.16)	61.73(=39.78+21.95)	0.3127 0.329
$Z1_d$	0.18	0.18	0.18	17.11(=2.04+19.16)	18.0(=2.15+20.16)	19.6(=2.34+21.95)	0.3127 0.329

TL570 Reflection colorimetry, System sRGB, CIELAB-LabC*h, $Y_{N0} = 40.32$, $L^*_{N0} = 69.7$, $Y_{Za} = 18.0$

Colour r	g	b	X	Y	Z	x	y
R_d	1.0	0.0	0.0	23.11(=15.2+38.32)	18.26(=22.05+40.32)	14.08(=29.81+43.9)	0.4167 0.3293
Y_d	1.0	1.0	0.0	35.59(=22.72+38.32)	21.08(=19.06+40.32)	17.83(=26.06+43.9)	0.3766 0.4347
G_d	1.0	0.0	0.0	22.87(=15.44+38.32)	34.52(=27.86+40.32)	17.23(=26.66+43.9)	0.3005 0.4626
C_d	0.0	1.0	0.0	28.44(=9.87+38.32)	36.75(=29.56+40.32)	46.57(=26.7+43.9)	0.2545 0.3288
B_d	0.0	0.0	1.0	17.4(=20.91+38.32)	14.67(=25.64+40.32)	42.89(=10.4+43.9)	0.2321 0.1957
M_d	1.0	0.0	0.0	30.13(=18.18+38.32)	21.23(=19.08+40.32)	43.48(=10.4+43.9)	0.3176 0.2279
$N0_d$	0.0	0.0	0.0	11.83(=26.48+38.32)	12.45(=27.86+40.32)	13.55(=30.34+43.9)	0.3127 0.329
$W0_d$	1.0	1.0	1.0	37.82(=49.49+38.32)	39.79(=55.82+40.32)	43.33(=56.43+43.9)	0.3127 0.329
$N1_d$	0.0	0.0	0.0	11.83(=26.48+38.32)	12.45(=27.86+40.32)	13.55(=30.34+43.9)	0.3127 0.329
$W1_d$	1.13	1.13	1.13	41.17(=28.5+38.32)	43.31(=29.9+40.32)	47.17(=32.7+43.9)	0.3127 0.329
$Z1_d$	0.18	0.18	0.1	17.11(=21.17+38.32)	18.0(=22.31+40.32)	19.6(=24.29+43.9)	0.3127 0.329