

Referenz: Ugra/FOGRA-Medienkeil CMYK V2.0 – FOGRA39_MW2_Subset
Messwerte: 20090121_FOGRA39_Lab

Angaben zum Proof

Proofgerät: EPSON Stylus Pro 4000
Bedruckstoff/Farbmittel: EFI Gravure Proof Paper 4245 Semimatt / EPSON UltraChrome Photo
RIP: EFI Colorproof 5.0.1 SP2
Simulationsprofil: ISO Coated v2 (ECI)
Rendering Intent: Relativ farbmétrisch
Simulierte Druckbedingung: Offsetdruck, gemäß ISO 12647-2:2004/Amd 1, OFCOM, Papiertyp 1 oder 2 = gestrichen Bilderdruck, 115 g/m2, Tonwertzuwachskurven A (CMY) und B (K)

Messbedingungen

D50, 2 Grad, Geometrie 45/0, kein Polarisationsfilter, weiÙe Messunterlage, gemäß ISO 13655

Auswertung

| Kriterium | Soll | Empfehlung | # | Ist | Ergebnis |
|--|------------|------------|----|------|----------|
| PapierweiÙ ΔE (CIE76) | ≤ 3 | ≤ 1 | 40 | 0.57 | OK ✓✓ |
| Mittl. ΔE aller Felder (CIE76) | ≤ 3 | ≤ 2 | | 1.35 | OK ✓✓ |
| Max. ΔE aller Felder (CIE76) | ≤ 6 | ≤ 5 | 15 | 3.88 | OK ✓✓ |
| Primärfarbe C max. ΔE (CIE76) | ≤ 5 | ≤ 3 | 03 | 1.55 | OK ✓✓ |
| Primärfarbe M max. ΔE (CIE76) | ≤ 5 | ≤ 3 | 05 | 0.79 | OK ✓✓ |
| Primärfarbe Y max. ΔE (CIE76) | ≤ 5 | ≤ 3 | 07 | 2.08 | OK ✓✓ |
| Primärfarbe K max. ΔE (CIE76) | ≤ 5 | ≤ 3 | 23 | 2.45 | OK ✓✓ |
| Primärfarbe C max. ΔH (CIE76) | ≤ 2.5 | ≤ 1.5 | 01 | 0.83 | OK ✓✓ |
| Primärfarbe M max. ΔH (CIE76) | ≤ 2.5 | ≤ 1.5 | 06 | 0.27 | OK ✓✓ |
| Primärfarbe Y max. ΔH (CIE76) | ≤ 2.5 | ≤ 1.5 | 07 | 1.34 | OK ✓✓ |
| Primärfarbe K max. ΔH (CIE76) | ≤ 2.5 | ≤ 1.5 | 21 | 1.64 | OK ✓ |
| | | | 41 | | |
| | | | 42 | | |
| Buntgrau CMY mittl. ΔH (CIE76) | ≤ 1.5 | ≤ 1 | 43 | 0.84 | OK ✓✓ |
| | | | 44 | | |
| | | | 45 | | |
| | | | 46 | | |

Zusammenfassung

✓ MedienStandard Druck/ISO 12647-7: Die Toleranzen wurden eingehalten.

Datum: 1.2.2009 19:58

Unterschrift:

Messwertübersicht

| # | Geräte-Farbwerte | | | | Soll | | | | Ist | | | Δ (CIE76) | | | |
|----|------------------|-----|-----|-----|-------|--------|--------|--|-------|--------|--------|-----------|-------|-------|------|
| | C | M | Y | K | L | a | b | | L | a | b | ΔE | ΔL | ΔC | ΔH |
| 01 | 100 | 0 | 0 | 0 | 55 | -37 | -50 | | 55.11 | -37.81 | -49.69 | 0.87 | -0.11 | -0.24 | 0.83 |
| 02 | 70 | 0 | 0 | 0 | 66.86 | -24.73 | -37.1 | | 66.52 | -24.27 | -36.42 | 0.89 | 0.34 | 0.82 | 0.01 |
| 03 | 40 | 0 | 0 | 0 | 79.72 | -12.53 | -21.75 | | 79.43 | -11.73 | -20.46 | 1.55 | 0.29 | 1.52 | 0.05 |
| 04 | 0 | 100 | 0 | 0 | 48 | 74 | -3 | | 47.6 | 73.44 | -3.07 | 0.69 | 0.4 | 0.56 | 0.09 |
| 05 | 0 | 70 | 0 | 0 | 60.84 | 50.59 | -6.74 | | 60.67 | 51.28 | -7.09 | 0.79 | 0.17 | -0.73 | 0.25 |
| 06 | 0 | 40 | 0 | 0 | 76.42 | 25.78 | -6.91 | | 75.77 | 25.86 | -6.65 | 0.7 | 0.65 | -0.01 | 0.27 |
| 07 | 0 | 0 | 100 | 0 | 89 | -5 | 93 | | 88.73 | -6.24 | 91.35 | 2.08 | 0.27 | 1.57 | 1.34 |
| 08 | 0 | 0 | 70 | 0 | 90.34 | -4.7 | 62.56 | | 89.19 | -4.95 | 62.64 | 1.18 | 1.15 | -0.1 | 0.24 |
| 09 | 0 | 0 | 40 | 0 | 92.19 | -3.47 | 31.15 | | 91.17 | -3.54 | 31.66 | 1.14 | 1.02 | -0.51 | 0.01 |
| 10 | 20 | 70 | 70 | 0 | 53.08 | 37.72 | 28.91 | | 53.05 | 38.29 | 28.85 | 0.57 | 0.03 | -0.42 | 0.39 |
| 11 | 40 | 70 | 70 | 20 | 41.55 | 22.73 | 16.76 | | 41.68 | 22.74 | 16.23 | 0.55 | -0.13 | 0.3 | 0.43 |
| 12 | 40 | 100 | 100 | 20 | 31.92 | 39.95 | 23.98 | | 32.35 | 41.14 | 25.03 | 1.64 | -0.43 | -1.56 | 0.28 |
| 13 | 40 | 100 | 40 | 20 | 32.54 | 44.45 | -1.8 | | 33.15 | 45 | -2.33 | 0.98 | -0.61 | -0.57 | 0.5 |
| 14 | 40 | 40 | 100 | 20 | 51.28 | 1.27 | 44.5 | | 52.7 | 0.83 | 46.41 | 2.42 | -1.42 | -1.9 | 0.48 |
| 15 | 100 | 40 | 100 | 20 | 34.56 | -36.44 | 13.86 | | 34.62 | -40.29 | 14.33 | 3.88 | -0.06 | -3.78 | 0.89 |
| 16 | 100 | 40 | 40 | 20 | 35.95 | -26.19 | -20.86 | | 35.84 | -27.9 | -21.4 | 1.8 | 0.11 | -1.68 | 0.63 |
| 17 | 100 | 100 | 40 | 20 | 20.92 | 9.58 | -23.65 | | 21.11 | 11.35 | -24.1 | 1.84 | -0.19 | -1.12 | 1.44 |
| 18 | 0 | 0 | 0 | 10 | 88.97 | 0 | -1.85 | | 88.96 | -0.69 | -2.09 | 0.73 | 0.01 | -0.35 | 0.64 |
| 19 | 0 | 0 | 0 | 20 | 82.79 | 0 | -1.69 | | 83.27 | -0.64 | -1.57 | 0.81 | -0.48 | -0.01 | 0.65 |
| 20 | 0 | 0 | 0 | 40 | 69.28 | 0 | -1.35 | | 70.34 | -0.95 | -0.52 | 1.65 | -1.06 | 0.27 | 1.23 |
| 21 | 0 | 0 | 0 | 60 | 54.14 | 0 | -0.97 | | 54.85 | -0.75 | 0.49 | 1.79 | -0.71 | 0.07 | 1.64 |
| 22 | 0 | 0 | 0 | 80 | 36.62 | 0 | -0.52 | | 36.62 | 0.88 | 0.34 | 1.23 | 0 | -0.42 | 1.16 |
| 23 | 0 | 0 | 0 | 100 | 16 | 0 | 0 | | 15.39 | 0.28 | 2.36 | 2.45 | 0.61 | -2.38 | 0 |
| 24 | 100 | 100 | 0 | 0 | 24 | 22 | -46 | | 22.91 | 23.54 | -47.99 | 2.74 | 1.09 | -2.46 | 0.52 |
| 25 | 70 | 70 | 0 | 0 | 40.88 | 17.88 | -36.58 | | 42.04 | 18.81 | -34.68 | 2.41 | -1.16 | 1.26 | 1.7 |
| 26 | 40 | 40 | 0 | 0 | 63.69 | 10.33 | -23.76 | | 64.06 | 10.13 | -22.79 | 1.06 | -0.37 | 0.97 | 0.21 |
| 27 | 0 | 100 | 100 | 0 | 47 | 68 | 48 | | 46.68 | 68.33 | 48.14 | 0.48 | 0.32 | -0.35 | 0.08 |
| 28 | 0 | 70 | 70 | 0 | 58.5 | 47.1 | 37.88 | | 58.87 | 47.22 | 38.12 | 0.46 | -0.37 | -0.24 | 0.11 |
| 29 | 0 | 40 | 40 | 0 | 74.18 | 22.92 | 21.37 | | 73.78 | 22.82 | 20.87 | 0.65 | 0.4 | 0.41 | 0.3 |
| 30 | 100 | 0 | 100 | 0 | 50 | -65 | 27 | | 50.51 | -67.06 | 28.29 | 2.48 | -0.51 | -2.4 | 0.39 |
| 31 | 70 | 0 | 70 | 0 | 62.13 | -39.82 | 21.01 | | 62.32 | -39.41 | 21.23 | 0.5 | -0.19 | 0.26 | 0.39 |
| 32 | 40 | 0 | 40 | 0 | 76.97 | -19.06 | 11.03 | | 77.63 | -18.83 | 11.4 | 0.79 | -0.66 | 0.01 | 0.44 |
| 33 | 10 | 40 | 40 | 0 | 71.22 | 18.85 | 17.25 | | 71.26 | 18.31 | 16.43 | 0.98 | -0.04 | 0.95 | 0.24 |
| 34 | 0 | 40 | 100 | 0 | 71.24 | 22.15 | 73.08 | | 72.24 | 21.06 | 74.45 | 2.02 | -1 | -1.01 | 1.43 |
| 35 | 0 | 100 | 40 | 0 | 47.74 | 71.2 | 16.24 | | 47.08 | 71.51 | 16.54 | 0.79 | 0.66 | -0.37 | 0.22 |
| 36 | 40 | 100 | 0 | 0 | 38.01 | 55.38 | -20.94 | | 38.22 | 56.87 | -21.53 | 1.62 | -0.21 | -1.6 | 0.02 |
| 37 | 40 | 0 | 100 | 0 | 73.66 | -22.81 | 67.57 | | 74.68 | -22.97 | 67.53 | 1.03 | -1.02 | -0.01 | 0.16 |
| 38 | 100 | 0 | 40 | 0 | 52.33 | -52.31 | -20.15 | | 52.19 | -53.32 | -21.86 | 1.99 | 0.14 | -1.57 | 1.22 |
| 39 | 100 | 40 | 0 | 0 | 43.34 | -17.03 | -48.62 | | 43.17 | -18.32 | -49.04 | 1.37 | 0.17 | -0.83 | 1.07 |
| 40 | 0 | 0 | 0 | 0 | 95 | 0 | -2 | | 94.82 | 0.33 | -1.57 | 0.57 | 0.18 | 0.4 | 0.37 |
| 41 | 10 | 6 | 6 | 0 | 88.54 | -0.38 | -3.13 | | 89.04 | -0.74 | -2.99 | 0.63 | -0.5 | 0.07 | 0.38 |
| 42 | 20 | 12 | 12 | 0 | 81.95 | -0.89 | -4.1 | | 82.43 | -0.98 | -4.1 | 0.49 | -0.48 | -0.02 | 0.09 |
| 43 | 40 | 27 | 27 | 0 | 67.67 | -1.96 | -4.37 | | 68.56 | -2.43 | -3.03 | 1.68 | -0.89 | 0.91 | 1.09 |
| 44 | 60 | 45 | 45 | 0 | 52.22 | -2.48 | -3.53 | | 53.05 | -2.93 | -1.33 | 2.39 | -0.83 | 1.1 | 1.96 |
| 45 | 80 | 65 | 65 | 0 | 37.47 | -3.86 | -3.15 | | 37.61 | -2.8 | -1.83 | 1.7 | -0.14 | 1.64 | 0.43 |
| 46 | 100 | 85 | 85 | 0 | 26.29 | -6.81 | -3.41 | | 26.22 | -6.82 | -2.23 | 1.18 | 0.07 | 0.44 | 1.09 |