

ISO/IEC 19798 Yield Test Report

Phaser 6180



Published Yield

CMY Cartridge Yield **6,000** Standard Pages
K Cartridge Yield **8,000** Standard Pages

Declaration of Yield

When Genuine Xerox 6180 Toner Cartridges are used in a Xerox 6180 printer

Toner Cartridge Yield:

Average Continuous Composite CMY Cartridge Yield **7,470** Standard Pages
Average Continuous Composite K Cartridge Yield **9,488** Standard Pages

Declared yield in accordance with ISO/IEC 19798

Individual Yields (90 % Lower Confidence Bound)

| | | |
|-------------------|-------|----------------|
| Cyan Cartridge | 7,333 | Standard Pages |
| Magenta Cartridge | 7,505 | Standard Pages |
| Yellow Cartridge | 7,576 | Standard Pages |
| Black Cartridge | 9,488 | Standard Pages |

Dates Tested 2/2/2011 - 03/15/2011

For questions concerning testing contact:

Director of Quality Assurance

Xerox Corporation

26600 SW Parkway Ave

Wilsonville, OR 97070

| | |
|--|---|
| Number of cartridges used in testing | 13C,13M,13Y,12K |
| Number of cartridges used in calculation | 9C,9M,9Y,9K |
| Type of cartridge | All in one Toner Cartridge |
| Shake procedure used | No |
| Print mode | Continuous at aprox 1200 pages/day |
| Number of engines used in testing | 3 |
| Media used | Xerox 4200 20# |
| Paper size | A |
| Paper feed orientation | Short-edge-feed |
| Computer model | Dell PC 1.4GHz 1Mb Cache |
| Driver version | Test file produced with version 4.2.6 (build 2) |
| Operating system | Windows XP Pro v2002 SP2 |
| Application software | Adobe Acrobat version 8 |
| Test page version | ISO IEC 24712 2006 Test Pages.pdf (2009) |
| Power on/off everyday? | No |
| Engine Code | 05.08.00 |
| PS Code | 3015.103 200802181234 |

Use Genuine Xerox Supplies
Made for Each Other®

Cartridge Data

Temperature

% Relative Humidity

| Printer # | Set No. | Cartridge | | | Temperature | | | % Relative Humidity | | | Cartridge Yield | Cartridge Used in Calculation |
|-----------|---------|-----------|-------------|---------------|-------------|-------|-------|---------------------|-------|-------|-----------------|-------------------------------|
| | | SN. | Color | Cartridge SN. | Avg. | Max | Min | Avg. | Max | Min | | |
| 6180-02 | 1st Set | C-501 | C | 6180-02-c-1 | 22.73 | 23.00 | 22.00 | 46.21 | 47.83 | 45.00 | 8,433 | Yes |
| | | K-501 | K | 6180-02-k-1 | 22.66 | 23.00 | 22.00 | 46.21 | 47.83 | 45.00 | 9,843 | Yes |
| | | M-501 | M | 6180-02-m-1 | 22.77 | 23.00 | 22.00 | 46.16 | 47.42 | 45.00 | 7,784 | Yes |
| | | Y-501 | Y | 6180-02-y-1 | 22.74 | 23.00 | 22.00 | 46.21 | 47.83 | 45.00 | 8,223 | Yes |
| | 2nd Set | C-502 | C | 6180-02-c-2 | 22.40 | 23.00 | 22.00 | 46.63 | 47.50 | 45.08 | 7,797 | Yes |
| | | K-502 | K | 6180-02-k-2 | 22.29 | 23.00 | 22.00 | 46.74 | 48.33 | 45.92 | 9,447 | Yes |
| | | M-502 | M | 6180-02-m-2 | 22.42 | 23.00 | 22.00 | 46.61 | 47.50 | 45.08 | 7,646 | Yes |
| | | Y-502 | Y | 6180-02-y-2 | 22.40 | 23.00 | 22.00 | 46.62 | 47.50 | 45.08 | 7,842 | Yes |
| | 3rd Set | C-503 | C | 6180-02-c-3 | 22.08 | 23.00 | 22.00 | 46.88 | 47.67 | 45.33 | 8,061 | Yes |
| | | K-503 | K | 6180-02-k-3 | 22.08 | 23.00 | 22.00 | 46.80 | 47.58 | 45.33 | 9,338 | Yes |
| | | M-503 | M | 6180-02-m-3 | 22.06 | 22.83 | 22.00 | 46.89 | 48.33 | 45.92 | 7,616 | Yes |
| | 4th Set | Y-503 | Y | 6180-02-y-3 | 22.08 | 23.00 | 22.00 | 46.89 | 48.33 | 45.92 | 7,476 | Yes |
| | | C-504 | C | 6180-02-c-4 | | | | | | | | No - Incomplete |
| | | K-504 | K | 6180-02-k-4 | | | | | | | | No - Incomplete |
| | | M-504 | M | 6180-02-m-4 | | | | | | | | No - Incomplete |
| | 6180-14 | 1st Set | Y-504 | Y | 6180-02-y-4 | | | | | | | |
| C-501 | | | C | 6180-14-c-1 | 22.76 | 23.00 | 22.00 | 46.12 | 47.42 | 45.00 | 7,390 | Yes |
| K-501 | | | K | 6180-14-k-1 | 22.67 | 23.00 | 22.00 | 46.27 | 48.00 | 45.00 | 10,795 | Yes |
| M-501 | | | M | 6180-14-m-1 | 22.76 | 23.00 | 22.00 | 46.13 | 47.42 | 45.00 | 7,465 | Yes |
| 2nd Set | | Y-501 | Y | 6180-14-y-1 | 22.76 | 23.00 | 22.00 | 46.11 | 47.42 | 45.00 | 7,225 | Yes |
| | | C-502 | C | 6180-14-c-2 | 22.46 | 23.00 | 22.00 | 46.66 | 48.00 | 45.08 | 7,160 | Yes |
| | | K-502 | K | 6180-14-k-2 | 22.18 | 23.00 | 22.00 | 46.82 | 48.33 | 45.92 | 10,947 | Yes |
| | | M-502 | M | 6180-14-m-2 | 22.44 | 23.00 | 22.00 | 46.67 | 48.00 | 45.08 | 7,640 | Yes |
| 3rd Set | | Y-502 | Y | 6180-14-y-2 | 22.45 | 23.00 | 22.00 | 46.67 | 48.00 | 45.08 | 7,715 | Yes |
| | | C-503 | C | 6180-14-c-3 | 22.04 | 22.83 | 22.00 | 46.86 | 48.33 | 45.92 | 7,042 | Yes |
| | | K-503 | K | 6180-14-k-3 | 22.25 | 23.00 | 22.00 | 46.79 | 47.83 | 45.33 | 10,773 | Yes |
| | | M-503 | M | 6180-14-m-3 | 22.04 | 22.83 | 22.00 | 46.87 | 48.33 | 45.92 | 7,192 | Yes |
| 4th Set | | Y-503 | Y | 6180-14-y-3 | 22.06 | 22.83 | 22.00 | 46.87 | 48.33 | 45.92 | 7,957 | Yes |
| | | C-504 | C | 6180-14-c-4 | | | | | | | 6,933 | No - Balance |
| | | K-504 | K | 6180-14-k-4 | | | | | | | | No - Incomplete |
| | | M-504 | M | 6180-14-m-4 | | | | | | | 7,173 | No - Balance |
| 5th Set | Y-504 | Y | 6180-14-y-4 | | | | | | | 7,428 | No - Balance | |
| | C-505 | C | 6180-14-c-5 | | | | | | | | No - Incomplete | |
| | K-505 | K | not used | | | | | | | | | |
| | M-505 | M | 6180-14-m-5 | | | | | | | | No - Incomplete | |
| | Y-505 | Y | 6180-14-y-5 | | | | | | | | No - Incomplete | |

| | | | | | | | | | | | | |
|-------------|---------|-------|---|-------------|-------|-------|-------|-------|-------|-------|-------|-----------------|
| 6180 -19 | 1st Set | C-501 | C | 6180-19-c-1 | 22.76 | 23.00 | 22.00 | 46.12 | 47.42 | 45.00 | 7,548 | Yes |
| | | K-501 | K | 6180-19-k-1 | 22.68 | 23.00 | 22.00 | 46.25 | 48.00 | 45.00 | 9,363 | Yes |
| | | M-501 | M | 6180-19-m-1 | 22.76 | 23.00 | 22.00 | 46.16 | 47.42 | 45.00 | 7,788 | Yes |
| | | Y-501 | Y | 6180-19-y-1 | 22.74 | 23.00 | 22.00 | 46.19 | 48.00 | 45.00 | 7,986 | Yes |
| | 2nd Set | C-502 | C | 6180-19-c-2 | 22.45 | 23.00 | 22.00 | 46.70 | 48.00 | 45.17 | 7,330 | Yes |
| | | K-502 | K | 6180-19-k-2 | 22.30 | 23.00 | 22.00 | 46.73 | 48.33 | 45.17 | 9,586 | Yes |
| | | M-502 | M | 6180-19-m-2 | 22.42 | 23.00 | 22.00 | 46.67 | 47.75 | 45.17 | 7,735 | Yes |
| | | Y-502 | Y | 6180-19-y-2 | 22.43 | 23.00 | 22.00 | 46.66 | 47.50 | 45.17 | 7,480 | Yes |
| | 3rd Set | C-503 | C | 6180-19-c-3 | 22.06 | 22.83 | 22.00 | 46.87 | 48.33 | 45.92 | 7,721 | Yes |
| | | K-503 | K | 6180-19-k-3 | 22.08 | 23.00 | 22.00 | 46.82 | 47.58 | 45.33 | 9,245 | Yes |
| | | M-503 | M | 6180-19-m-3 | 22.08 | 23.00 | 22.00 | 46.89 | 48.33 | 45.92 | 7,751 | Yes |
| | | Y-503 | Y | 6180-19-y-3 | 22.07 | 23.00 | 22.00 | 46.88 | 48.33 | 45.33 | 8,321 | Yes |
| | 4th Set | C-504 | C | 6180-19-c-4 | | | | | | | | No - Incomplete |
| | | K-504 | K | 6180-19-k-4 | | | | | | | | No - Incomplete |
| | | M-504 | M | 6180-19-m-4 | | | | | | | | No - Incomplete |
| | | Y-504 | Y | 6180-19-y-4 | | | | | | | | No - Incomplete |

Yield Calculations

| Set No. | Printer #1: 6180-02 | | | | Printer #2: 6180-14 | | | | Printer #3: 6180-19 | | | |
|--------------|---------------------|-------|-------|-------|---------------------|-------|-------|-------|---------------------|-------|-------|-------|
| | K | C | M | Y | K | C | M | Y | K | C | M | Y |
| 1 | 9,843 | 8,433 | 7,784 | 8,223 | 10,795 | 7,390 | 7,465 | 7,225 | 9,363 | 7,548 | 7,788 | 7,968 |
| 2 | 9,447 | 7,797 | 7,646 | 7,842 | 10,947 | 7,160 | 7,640 | 7,715 | 9,586 | 7,330 | 7,735 | 7,480 |
| 3 | 9,338 | 8,061 | 7,616 | 7,476 | 10,773 | 7,042 | 7,192 | 7,957 | 9,245 | 7,721 | 7,751 | 8,321 |
| Ave. | 9,543 | 8,097 | 7,682 | 7,847 | 10,838 | 7,197 | 7,432 | 7,632 | 9,398 | 7,533 | 7,758 | 7,923 |
| When Genuine | 266 | 320 | 90 | 374 | 95 | 177 | 226 | 373 | 173 | 196 | 27 | 422 |
| Count | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 90 % LCB | 9,095 | 7,558 | 7,531 | 7,217 | 10,679 | 6,899 | 7,052 | 7,004 | 9,106 | 7,203 | 7,712 | 7,211 |
| 90 % UCB | 9,991 | 8,636 | 7,833 | 8,477 | 10,998 | 7,496 | 7,813 | 8,261 | 9,690 | 7,863 | 7,804 | 8,635 |

All Printers

| | K | C | M | Y |
|----------|--------|--------|--------|--------|
| Total | 89,337 | 68,482 | 68,617 | 70,207 |
| Ave. | 9,926 | 7,609 | 7,624 | 7,801 |
| St. Dev | 707 | 445 | 192 | 362 |
| Count | 9 | 9 | 9 | 9 |
| T-value | 1.860 | 1.860 | 1.860 | 1.860 |
| 90 % LCB | 9,488 | 7,333 | 7,505 | 7,576 |
| 90 % UCB | 10,364 | 7,885 | 7,743 | 8,025 |

Comments:

All testing was performed on Phaser 6180 printers.

Definitions-

- Yes Cartridge was used in calculations.
- No - Balance Cartridge was not used in calculations in order to maintain a balance between C, M, & Y. That is so that the same number of cartridges were included in the calculations for each color.
- No - Incomplete Testing was stopped prior to end of life on this cartridge.

v1.1