

Declaration of Yield:

When Print Cartridge Black IM C3510, Yellow IM C3510, Magenta IM C3510, Cyan IM C3510 are used in printers;
RICOH/Gestetner/nashuatec/Rex-Rotary: IM C3010, IM C3510

Toner Cartridge Yield:

Average Continuous Composite CMY Cartridge Yield	44471	Standard Pages
Average Continuous Composite K Cartridge Yield	55809	Standard Pages

Values obtained by continuous printing
Declared yield value in accordance with ISO/IEC 19798

90% Lower Confidence	Cyan Cartridge	=	44896	Pages
	Magenta Cartridge	=	49788	Pages
	Yellow Cartridge	=	39840	Pages
	Black Cartridge	=	55809	Pages

Date Tested: 05.09.2022~22.02.2023

For questions concerning testing contact:

Ricoh Company., Ltd.

2-7-1 Izumi, Ebina-City, Kanagawa JAPAN, 243-0406

Number of Cartridges used in testing:	C = 12 M = 12 Y = 12 K = 12
Number of Cartridges used in calculations:	C = 9 M = 9 Y = 9 K = 9
Type of Cartridge:	Toner Only
Shake Procedure Used?	No
Print Mode:	Continuous (20 pages/job), 65 second interval
Number of engines used in testing?	3
Media Used:	NBS Ricoh My Paper A4 67g/m2
Paper Size:	A4
Paper Feed orientation:	Long edge feed
Computer Model:	Dell Latitude 5320
Driver Version:	PCL 6 Driver Ver 0.0.8.0
Operating System:	Windows 10 Pro
Application Software:	Adobe Acrobat Reader Ver 22.003.20322_64bit
Test Page Version:	ISO_IEC_24712_2007_Test_Pages.pdf
Power (Off/On) everyday?	Yes

Cartridge Testing Data:

Printer #1: C3010 : 9150000003

No	Colour	Cartridge No.	Temperature (° C)			Humidity (% RH)			Cartridge Yield	Cart. Used in calculation*
			Ave	Max	Min	Ave	Max	Min		
1st Set	C	2207MJ31074362	22.6	23.0	21.0	39.4	65.0	41.0	46298	YES
	M	2207MJ31078689	22.6	23.0	21.0	39.4	65.0	41.0	50939	YES
	Y	2207MJ31076255	22.6	23.0	21.0	39.4	65.0	41.0	42068	YES
	K	2207MJ31081192	22.6	23.0	21.0	39.4	65.0	41.0	55356	YES
2nd Set	C	2207MJ31074361	23.5	26.0	22.5	43.0	45.0	42.0	45750	YES
	M	2207MJ31078683	22.0	24.0	21.5	46.0	50.0	42.0	50899	YES
	Y	2207MJ31076259	24.0	27.0	21.0	42.0	43.0	42.0	41541	YES
	K	2207MJ31081191	22.0	25.0	21.0	40.0	46.0	38.0	56316	YES
3rd Set	C	2207MJ31074371	22.0	25.0	21.5	40.5	42.5	40.0	46656	YES
	M	2207MJ31078693	22.0	24.0	22.5	42.0	46.5	40.0	51419	YES
	Y	2207MJ31076253	22.0	25.5	22.0	42.0	44.5	41.0	40753	YES
	K	2207MJ31081185	22.0	24.0	21.5	40.0	39.5	37.0	56636	YES

* See Comments for Explanation

Printer #2: C3510 : 9160000009

No	Colour	Cartridge No.	Temperature (° C)			Humidity (% RH)			Cartridge Yield	Cart. Used in calculation*
			Ave	Max	Min	Ave	Max	Min		
1st Set	C	2207MJ31074369	22.6	23.0	21.0	43.0	65.0	41.0	44006	YES
	M	2207MJ31078690	22.6	23.0	21.0	43.0	65.0	41.0	49013	YES
	Y	2207MJ31076254	22.6	23.0	21.0	43.0	65.0	41.0	38526	YES
	K	2207MJ31081193	22.6	23.0	21.0	43.0	65.0	41.0	57284	YES
2nd Set	C	2207MJ31074365	24.0	27.0	21.0	42.0	43.0	42.0	132291	YES
	M	2207MJ31078685	22.0	21.5	23.5	47.5	51.0	48.0	146386	YES
	Y	2207MJ31076256	24.0	27.0	21.0	42.0	43.0	42.0	113546	YES
	K	2207MJ31081195	22.5	25.0	21.5	45.0	54.0	41.0	175584	YES
3rd Set	C	2207MJ31074364	22.0	25.0	21.5	40.5	42.5	40.0	43433	YES
	M	2207MJ31078692	22.0	24.0	21.0	42.5	46.0	42.0	48619	YES
	Y	2207MJ31076258	23.0	24.5	21.4	40.0	45.0	39.0	37424	YES
	K	2207MJ31081187	23.0	25.0	21.0	45.0	50.0	40.0	59347	YES

* See Comments for Explanation

Printer #3: C3510 : 9160000114

No	Colour	Cartridge No.	Temperature (° C)			Humidity (% RH)			Cartridge Yield	Cart. Used in calculation*
			Ave	Max	Min	Ave	Max	Min		
1st Set	C	2207MJ31074363	22.6	23.0	21.0	43.0	65.0	41.0	46748	YES
	M	2207MJ31078684	22.6	23.0	21.0	43.0	65.0	41.0	51975	YES
	Y	2207MJ31076264	22.6	23.0	21.0	43.0	65.0	41.0	52684	YES
	K	2207MJ31081190	22.6	23.0	21.0	43.0	65.0	41.0	54966	YES
2nd Set	C	2207MJ31074366	23.5	25.0	22.5	43.5	44.0	42.0	46650	YES
	M	2207MJ31078681	22.0	21.5	23.5	47.5	51.0	48.0	54320	YES
	Y	2207MJ31076257	24.0	27.0	21.0	42.0	43.0	42.0	52817	YES
	K	2207MJ31081194	22.5	25.0	21.5	45.0	54.0	41.0	55704	YES
3rd Set	C	2207MJ31074370	22.0	24.5	21.5	40.0	42.0	39.0	46905	YES
	M	2207MJ31078688	22.0	24.5	21.5	40.0	42.0	39.0	54966	YES
	Y	2207MJ31076261	22.0	24.5	21.5	40.0	42.0	39.0	53474	YES
	K	2207MJ31081183	22.0	24.5	21.0	38.5	39.0	38.0	56223	YES

* See Comments for Explanation

All Printers				
Colour	Total	Average	Std Dev	90%UCB
C	411298	45700	1297	44896
M	460904	51212	2295	49788
Y	396883	44098	6868	39840
K	510785	56754	1524	55809

Individual Yields

***Comments**

YES Cartridge was used in calculations.

NO -Balance Cartridge was not used in calculations in order to maintain balance between C, M & Y. Hence to ensure same number of cartridges were included in the calculations for each colour.

NO -Incomplete Testing was stopped prior to end of life on this cartridge.

All Temperature and Humidity data was taken with the printers in an environmental chamber, to ensure all Temperature and Humidity reading are within ISO/IEC 19798 standards. Environmental chamber Name: Heraeus VOTSCH. Model:VEK203/225/s. S/No: 32 190.