

Declaration of Yield:

When Print Cartridge Black IM C2510, Yellow IM C2510, Magenta IM C2510, Cyan IM C2510 are used in printers;
 RICOH/Gestetner/nashuatec/Rex-Rotary: IM C2510

Toner Cartridge Yield:

Average Continuous Composite CMY Cartridge Yield	17014	Standard Pages
Average Continuous Composite K Cartridge Yield	21227	Standard Pages

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

90% Lower Confidence	Cyan Cartridge	=	17335	Pages
	Magenta Cartridge	=	17836	Pages
	Yellow Cartridge	=	15981	Pages
	Black Cartridge	=	21227	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 : 9150000307

No	Colour	Cartridge No.	Temperature (° C)			Humidity (% RH)			Cartridge Yield	Cart. Used in calculation*
			Ave	Max	Min	Ave	Max	Min		
1st Set	C	2207MJ31074336	23.0	26.0	21.0	42.0	51.0	39.0	16004	YES
	M	2207MJ31078652	23.0	26.0	21.0	42.0	51.0	39.0	18347	YES
	Y	2207MJ31076227	23.0	26.0	21.0	42.0	51.0	39.0	15252	YES
	K	2207MJ31081170	23.0	26.0	21.0	42.0	51.0	39.0	21413	YES
2nd Set	C	2207MJ31074324	-	-	-	-	-	-	-	Discontinued
	M	2207MJ31078648	-	-	-	-	-	-	-	Discontinued
	Y	2207MJ31076221	-	-	-	-	-	-	-	Discontinued
	K	2207MJ31081163	-	-	-	-	-	-	-	Discontinued
3rd Set	C	2207MJ31074327	23.3	23.8	22.8	49.7	51.2	47.2	18065	YES
	M	2207MJ31078655	23.3	23.8	22.8	49.7	51.2	47.2	19268	YES
	Y	2207MJ31076222	23.3	23.8	22.8	49.7	51.2	47.2	16049	YES
	K	2210TJ99000022	23.3	23.8	22.8	49.7	51.2	47.2	23506	YES
4th Set	C	2207MJ31074339	23.3	23.8	22.9	49.6	50.8	47.8	16419	YES
	M	2207MJ31078656	23.3	23.8	22.9	49.6	50.8	47.8	17820	YES
	Y	2207MJ31076231	23.3	23.8	22.9	49.6	50.8	47.8	14867	YES
	K	2210TJ99000021	23.3	23.8	22.9	49.6	50.8	47.8	21695	YES

* See Comments for Explanation

Printer #2: C3510 : 9160000304

No	Colour	Cartridge No.	Temperature (° C)			Humidity (% RH)			Cartridge Yield	Cart. Used in calculation*
			Ave	Max	Min	Ave	Max	Min		
1st Set	C	2203MJ30025042	23.0	26.0	21.0	40.0	51.0	38.0	18317	YES
	M	2207MJ31078646	23.0	26.0	21.0	40.0	51.0	38.0	17712	YES
	Y	2207MJ31076229	23.0	26.0	21.0	40.0	51.0	38.0	17823	YES
	K	2207MJ31081164	23.0	26.0	21.0	40.0	51.0	38.0	20958	YES
2nd Set	C	2207MJ31074333	-	-	-	-	-	-	-	Discontinued
	M	2207MJ31078649	-	-	-	-	-	-	-	Discontinued
	Y	2207MJ31076226	-	-	-	-	-	-	-	Discontinued
	K	2207MJ31081162	-	-	-	-	-	-	-	Discontinued
3rd Set	C	2207MJ31074335	23.3	23.8	22.8	49.7	51.2	47.2	57117	YES
	M	2207MJ31078657	23.3	23.8	22.8	49.7	51.2	47.2	54572	YES
	Y	2207MJ31076219	23.3	23.8	22.8	49.7	51.2	47.2	54203	YES
	K	2210TJ99000023	23.3	23.8	22.8	49.7	51.2	47.2	65052	YES
4th Set	C	2207MJ31074325	23.3	23.8	22.9	49.6	50.8	47.8	20171	YES
	M	2207MJ31078651	23.3	23.8	22.9	49.6	50.8	47.8	18873	YES
	Y	2207MJ31076217	23.3	23.8	22.9	49.6	50.8	47.8	18689	YES
	K	2210TJ99000024	23.3	23.8	22.9	49.6	50.8	47.8	22600	YES

* See Comments for Explanation

Printer #3: C2510 : 9160000305

No	Colour	Cartridge No.	Temperature (° C)			Humidity (% RH)			Cartridge Yield	Cart. Used in calculation*
			Ave	Max	Min	Ave	Max	Min		
1st Set	C	2207MJ31074338	23.0	26.0	21.0	42.0	51.0	39.0	17402	YES
	M	2207MJ31078647	23.0	26.0	21.0	42.0	51.0	39.0	17373	YES
	Y	2207MJ31076223	23.0	26.0	21.0	42.0	51.0	39.0	16184	YES
	K	2207MJ31081169	23.0	26.0	21.0	42.0	51.0	39.0	20433	YES
2nd Set	C	2207MJ31074334	-	-	-	-	-	-	-	Discontinued
	M	2207MJ31078650	-	-	-	-	-	-	-	Discontinued
	Y	2207MJ31076224	-	-	-	-	-	-	-	Discontinued
	K	2207MJ31081160	-	-	-	-	-	-	-	Discontinued
3rd Set	C	2207MJ31074340	23.3	23.8	22.8	49.7	51.2	47.2	19980	YES
	M	2207MJ31078654	23.3	23.8	22.8	49.7	51.2	47.2	18715	YES
	Y	2207MJ31076218	23.3	23.8	22.8	49.7	51.2	47.2	18104	YES
	K	2210TJ99000025	23.3	23.8	22.8	49.7	51.2	47.2	22540	YES
4th Set	C	2207MJ31074337	23.3	23.8	22.9	49.6	50.8	47.8	19079	YES
	M	2207MJ31078653	23.3	23.8	22.9	49.6	50.8	47.8	17892	YES
	Y	2207MJ31076230	23.3	23.8	22.9	49.6	50.8	47.8	16610	YES
	K	2210TJ99000020	23.3	23.8	22.9	49.6	50.8	47.8	21614	YES

* See Comments for Explanation

All Printers				
Colour	Total	Average	Std Dev	90%UCB
C	164066	18230	1443	17335
M	163987	18221	621	17836
Y	151269	16808	1333	15981
K	196253	21806	933	21227

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.