



ISO/IEC 19798 Yield Test Report

C3224dw Starter Return Program Toner Cartridge

Printer: C3224dw

Part Numbers of Cartridges:

Cyan (C) 40NCC05C

Magenta (M) 40NCC05M

Yellow (Y) 40NCC05Y

Black (K) 40NCC08K

Lexmark Toner Cartridge Yield Claim:

Average Continuous Composite Color (CMY) Cartridge Yield **500** standard pages

Average Continuous Black (K) Cartridge Yield **750** standard pages

Declared yield in accordance with ISO/IEC 19798

Tested Cartridge Summary:

90% Lower Confidence
Composite Color (CMY) = **590** pages
Black = **764** pages

For questions concerning testing contact:

Lexmark International Inc.
740 West New Circle Rd.
Lexington, Ky. 40550 USA
Attn: Laser Supplies Product Manager

Date Tested

	9-Jul-2019	10-Jul-2019
Number of cartridges in testing	C= 9	M= 9 Y= 9 K= 9
Qty. of cartridges used in calculation	C= 9	M= 9 Y= 9 K= 9
Type of cartridge	One piece	
Shake Procedure		
1st shake	No Shake	
2nd shake	No Shake	
Print mode	Continuous	
Number of printers tested	3	
Media used	Hammermill Tidal MP - 20 lbs. - Letter	
Paper feed orientation	Short Edge Feed (SEF)	
Driver version	Golden	
Operating system	WINDOWS10	
Application software	Adobe Reader 2018.009.20050	
Test page version	ISO-IEC_24712_Test_suite-_v2.pdf	
Power (off/on) everyday	Y	
Pre-generated file used	Y	
Header / Footer used	Y	
Computer Model	Dell Latitude 7490	
Computer RAM and CPU type	16GB Intel(R) Core™ i7-8650U CPU @ 1.90 GHz 2.11GHz	
PC / Printer connection	Network	

Comments :

EOL was determined at the onset of fade on printed page.

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Printer	Color	Cartridge SN	Temperature C / F			Humidity			Cartridge Yield	Cartridge used in Calculation
			Avg	Max	Min	Avg	Max	Min		
1500921000D8	C	SCAD19168941E	22 / 72	22 / 72	22 / 72	45	45	45	680	Y
1500921000D8	C	SCAD191689404	22 / 72	22 / 72	22 / 72	45	45	45	615	Y
1500921000D8	C	SCAD19168941F	22 / 72	22 / 72	22 / 72	45	45	45	745	Y
350092100096	C	SCAD191689409	22 / 72	22 / 72	22 / 72	45	45	45	510	Y
350092100096	C	SCAD191689512	22 / 72	22 / 72	22 / 72	45	45	45	665	Y
350092100096	C	SCAD191689525	22 / 72	22 / 72	22 / 72	45	45	45	665	Y
1500921000C8	C	SCAD191689511	22 / 72	22 / 72	22 / 72	45	45	45	690	Y
1500921000C8	C	SCAD191689405	22 / 72	22 / 72	22 / 72	45	45	45	670	Y
1500921000C8	C	SCAD19168941D	22 / 72	22 / 72	22 / 72	45	45	45	725	Y
1500921000D8	K	SCAD191663EC1	22 / 72	22 / 72	22 / 72	45	45	45	850	Y
1500921000D8	K	SCAD191663EAB	22 / 72	22 / 72	22 / 72	45	45	45	780	Y
1500921000D8	K	SCAD191663EC7	22 / 72	22 / 72	22 / 72	45	45	45	820	Y
350092100096	K	SCAD191663EB0	22 / 72	22 / 72	22 / 72	45	45	45	770	Y
350092100096	K	SCAD191663EB3	22 / 72	22 / 72	22 / 72	45	45	45	820	Y
350092100096	K	SCAD191663EC9	22 / 72	22 / 72	22 / 72	45	45	45	755	Y
1500921000C8	K	SCAD191663EB1	22 / 72	22 / 72	22 / 72	45	45	45	725	Y
1500921000C8	K	SCAD191663EC8	22 / 72	22 / 72	22 / 72	45	45	45	855	Y
1500921000C8	K	SCAD191663EB2	22 / 72	22 / 72	22 / 72	45	45	45	755	Y
1500921000D8	M	SCAD191689410	22 / 72	22 / 72	22 / 72	45	45	45	565	Y
1500921000D8	M	SCAD191689419	22 / 72	22 / 72	22 / 72	45	45	45	615	Y
1500921000D8	M	SCAD1916893FE	22 / 72	22 / 72	22 / 72	45	45	45	650	Y
350092100096	M	SCAD1916893FB	22 / 72	22 / 72	22 / 72	45	45	45	775	Y
350092100096	M	SCAD191689418	22 / 72	22 / 72	22 / 72	45	45	45	610	Y
350092100096	M	SCAD1916893FF	22 / 72	22 / 72	22 / 72	45	45	45	510	Y
1500921000C8	M	SCAD191689417	22 / 72	22 / 72	22 / 72	45	45	45	655	Y
1500921000C8	M	SCAD191689401	22 / 72	22 / 72	22 / 72	45	45	45	590	Y
1500921000C8	M	SCAD191689411	22 / 72	22 / 72	22 / 72	45	45	45	775	Y
1500921000D8	Y	SCAD191663E92	22 / 72	22 / 72	22 / 72	45	45	45	690	Y
1500921000D8	Y	SCAD191663EBF	22 / 72	22 / 72	22 / 72	45	45	45	655	Y
1500921000D8	Y	SCAD191663EA9	22 / 72	22 / 72	22 / 72	45	45	45	695	Y
350092100096	Y	SCAD191663E91	22 / 72	22 / 72	22 / 72	45	45	45	580	Y
350092100096	Y	SCAD191663EA4	22 / 72	22 / 72	22 / 72	45	45	45	595	Y
350092100096	Y	SCAD191663EA3	22 / 72	22 / 72	22 / 72	45	45	45	630	Y
1500921000C8	Y	SCAD191663E93	22 / 72	22 / 72	22 / 72	45	45	45	510	Y
1500921000C8	Y	SCAD191663EBE	22 / 72	22 / 72	22 / 72	45	45	45	510	Y
1500921000C8	Y	SCAD191663EA6	22 / 72	22 / 72	22 / 72	45	45	45	655	Y

	Average	Std Dev. Of Sample	90% Lower Confidence
Cyan Cartridge	663	68	620
Magenta Cartridge	638	89	583
Yellow Cartridge	613	70	570
CMY Composite			590
Black Cartridge	792	46	764