



ISO/IEC 19798 Yield Test Report

CS331 High Yield Return Program Toner Cartridge

Printer: CS331dw

Part Numbers of Cartridges:

Cyan (C) 20NxHC0, 20N0H20

Yellow (Y) 20NxHY0, 20N0H40

Magenta (M) 20NxHM0, 20N0H30

Black (K) 20NxHK0, 20N0H10

Lexmark Toner Cartridge Yield Claim:

Average Continuous Composite Color (CMY) Cartridge Yield	4,500	standard pages
Average Continuous Black (K) Cartridge Yield	4,500	standard pages
Declared yield in accordance with ISO/IEC 19798		

Tested Cartridge Summary:

90% Lower Confidence
Composite Color (CMY) = **4,650** pages
Black = **4,558** 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

	8-Jul-2019	11-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		No Shake			
1st shake		No Shake			
2nd shake		Continuous			
Print mode		3			
Number of printers tested		Hammermill Tidal MP - 20 lbs. - Letter			
Media used		Short Edge Feed (SEF)			
Paper feed orientation		Golden			
Driver version		Windows10			
Operating system		Adobe Reader 9.5.0			
Application software		ISO-IEC_24712_Test_suite-_v2.pdf			
Test page version		Y			
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		
3500921000GW	C	SCAD19168968E	22 / 72	22 / 72	22 / 72	45	45	45	5290	Y
3500921000GW	C	SCAD191689691	22 / 72	22 / 72	22 / 72	45	45	45	5385	Y
3500921000CW	C	SCAD19168967A	22 / 72	22 / 72	22 / 72	45	45	45	5460	Y
3500921000CW	C	SCAD19168967C	22 / 72	22 / 72	22 / 72	45	45	45	5170	Y
3500921000GP	C	SCAD19168968F	22 / 72	22 / 72	22 / 72	45	45	45	5355	Y
3500921000GP	C	SCAD191689690	22 / 72	22 / 72	22 / 72	45	45	45	5020	Y
3500921000GW	C	SCAD19168967B	22 / 72	22 / 72	22 / 72	45	45	45	5295	Y
3500921000CW	C	SCAD191689679	22 / 72	22 / 72	22 / 72	45	45	45	5140	Y
3500921000GP	C	SCAD19168967D	22 / 72	22 / 72	22 / 72	45	45	45	5140	Y
3500921000GW	K	SCAD191660460	22 / 72	22 / 72	22 / 72	45	45	45	4650	Y
3500921000GW	K	SCAD19166044C	22 / 72	22 / 72	22 / 72	45	45	45	4865	Y
3500921000GW	K	SCAD191660448	22 / 72	22 / 72	22 / 72	45	45	45	4670	Y
3500921000CW	K	SCAD191660691	22 / 72	22 / 72	22 / 72	45	45	45	4720	Y
3500921000CW	K	SCAD19166045F	22 / 72	22 / 72	22 / 72	45	45	45	4805	Y
3500921000GP	K	SCAD191660449	22 / 72	22 / 72	22 / 72	45	45	45	4695	Y
3500921000GP	K	SCAD19166044B	22 / 72	22 / 72	22 / 72	45	45	45	4570	Y
3500921000GP	K	SCAD19166045D	22 / 72	22 / 72	22 / 72	45	45	45	4545	Y
3500921000CW	K	SCAD19166044A	22 / 72	22 / 72	22 / 72	45	45	45	4350	Y
3500921000CW	M	SCAD1916606B4	22 / 72	22 / 72	22 / 72	45	45	45	4295	Y
3500921000GW	M	SCAD1916606A0	22 / 72	22 / 72	22 / 72	45	45	45	4925	Y
3500921000GW	M	SCAD1916606B2	22 / 72	22 / 72	22 / 72	45	45	45	4760	Y
3500921000CW	M	SCAD19166069C	22 / 72	22 / 72	22 / 72	45	45	45	4920	Y
3500921000GP	M	SCAD19166069F	22 / 72	22 / 72	22 / 72	45	45	45	4905	Y
3500921000GP	M	SCAD19166069E	22 / 72	22 / 72	22 / 72	45	45	45	4605	Y
3500921000GW	M	SCAD1916606B0	22 / 72	22 / 72	22 / 72	45	45	45	4650	Y
3500921000CW	M	SCAD1916606B1	22 / 72	22 / 72	22 / 72	45	45	45	4370	Y
3500921000GP	M	SCAD19166069D	22 / 72	22 / 72	22 / 72	45	45	45	4965	Y
3500921000GW	Y	SCAD19165C16F	22 / 72	22 / 72	22 / 72	45	45	45	4110	Y
3500921000GW	Y	SCAD19165C16C	22 / 72	22 / 72	22 / 72	45	45	45	4520	Y
3500921000CW	Y	SCAD19165C16D	22 / 72	22 / 72	22 / 72	45	45	45	4390	Y
3500921000CW	Y	SCAD19165C158	22 / 72	22 / 72	22 / 72	45	45	45	4510	Y
3500921000GP	Y	SCAD19165C170	22 / 72	22 / 72	22 / 72	45	45	45	4515	Y
3500921000GP	Y	SCAD19165C157	22 / 72	22 / 72	22 / 72	45	45	45	4560	Y
3500921000GW	Y	SCAD19165C15A	22 / 72	22 / 72	22 / 72	45	45	45	4465	Y
3500921000CW	Y	SCAD19165C16E	22 / 72	22 / 72	22 / 72	45	45	45	4290	Y
3500921000GP	Y	SCAD19165C15B	22 / 72	22 / 72	22 / 72	45	45	45	4270	Y

	Average	Std Dev. Of Sample	90% Lower Confidence
Cyan Cartridge	5251	142	5163
Magenta Cartridge	4711	250	4556
Yellow Cartridge	4403	151	4310
CMY Composite			4650
Black Cartridge	4652	152	4558