

**Yield Reporting Form for HP Inc. Toner Supplies Solutions Group:****HP Color LaserJet Enterprise MFP M578 cartridge models W2120X, W2121X, W2122X, W2123X****Declared ISO Yield****Toner cartridge yield:****Average composite CMY cartridge yield 10,000 standard pages<sup>1</sup>****Average K cartridge yield 13,000 standard pages<sup>1</sup>***Declared yield value in accordance with ISO/IEC 19798 based on continuous printing.**Values reported do not include measurement uncertainty.**The results within this report relate only to the items tested as identified in this report.***Calculated test values**

<b>90% lower confidence limit<sup>1</sup></b>	
HP Cyan LaserJet Toner Cartridge (W2121X)	12,802 pages
HP Magenta LaserJet Toner Cartridge (W2123X)	11,016 pages
HP Yellow LaserJet Toner Cartridge (W2122X)	10,621 pages
Composite CMY	11,405 pages
HP Black LaserJet Toner Cartridge (W2120X)	13,660 pages

Test date: beginning	10/8/2020
Test dates: ending	10/23/2020
Number of cartridges used in testing	36
Number of cartridges used in calculations	C=9, M=9, Y=9, K=9 (Total=36)
Type of cartridge	All-in-one
Shake procedure used?	Yes
Print mode	Continuous
MPACCO Mode	Off
Number of engines used in testing	3
Media	HP Multipurpose
Paper size	Letter
Paper feed orientation	Short edge
Computer model	HP 250 G5 Notebook
Operating system	Microsoft Windows 10
Application software or HP Direct Print	HP Direct Print (EWS)
Print driver version or HP Direct Print	None: Internal PDF interpreter
Connection type	network
Test page version	ISO-IEC 24712
Power on/off every day	No

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Printer Product Numbers	Engine serial numbers:	Engine Firmware Version:
CLJ Enterprise MFP M578	MX3CN820SW	2411085_059852
CLJ Enterprise MFP M578	MX3CN820SM	2411085_059852
CLJ Enterprise MFP M578	MX3CN820SX	2411085_059852

## Cartridge testing data

Test environmental limits:	Temperature	Humidity
	°C	%RH
Max running average	23.1	54
Min running average	22.8	49
Average	23.0	51

Cyan (W2121X) in HP Color LaserJet Enterprise MFP M578				Magenta (W2123X) in HP Color LaserJet Enterprise MFP M578			
Average:		12,976		Average:		11,122	
Standard Deviation:		281		Standard Deviation:		172	
90% LCB:		12,802		90% LCB:		11,016	
Cartridge#	Lot Code	Engine SerNo	Cartridge Yield	Cartridge#	Lot Code	Engine SerNo	Cartridge Yield
W2121X-10	0H04M2A	MX3CN820SW	12,645	W2123X-10	0H05M2A	MX3CN820SW	11,300
W2121X-11	0H04M2A	MX3CN820SM	12,515	W2123X-11	0H05M2A	MX3CN820SM	11,400
W2121X-12	0H04M2A	MX3CN820SX	12,905	W2123X-12	0H05M2A	MX3CN820SX	11,200
W2121X-13	0G22M1A	MX3CN820SW	12,905	W2123X-13	0G23M2A	MX3CN820SW	11,100
W2121X-14	0G22M1A	MX3CN820SM	12,915	W2123X-14	0G23M2A	MX3CN820SM	11,000
W2121X-15	0G22M1A	MX3CN820SX	13,200	W2123X-15	0G23M2A	MX3CN820SX	11,200
W2121X-16	0G14M1A	MX3CN820SW	13,100	W2123X-16	0G16M1A	MX3CN820SW	10,900
W2121X-17	0G14M1A	MX3CN820SM	13,200	W2123X-17	0G16M1A	MX3CN820SM	10,900
W2121X-18	0G14M1A	MX3CN820SX	13,400	W2123X-18	0G16M1A	MX3CN820SX	11,100

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<b>Yellow (W2122X) in HP Color LaserJet Enterprise MFP M578</b>				<b>Black (W2120X) in HP Color LaserJet Enterprise MFP M578</b>			
Average:		10,711		Average:		13,933	
Standard Deviation:		145		Standard Deviation:		442	
90% LCB:		10,621		90% LCB:		13,660	
<b>Cartridge#</b>	<b>Lot Code</b>	<b>Engine SerNo</b>	<b>Cartridge Yield</b>	<b>Cartridge#</b>	<b>Lot Code</b>	<b>Engine SerNo</b>	<b>Cartridge Yield</b>
W2122X-10	0H04M3A	MX3CN820SW	10,900	W2120X-10	0H04M3A	MX3CN820SW	13,500
W2122X-11	0H04M3A	MX3CN820SM	10,900	W2120X-11	0H04M3A	MX3CN820SM	13,700
W2122X-12	0H04M3A	MX3CN820SX	10,800	W2120X-12	0H04M3A	MX3CN820SX	13,400
W2122X-13	0G16M2A	MX3CN820SW	10,700	W2120X-13	0G22M1A	MX3CN820SW	13,800
W2122X-14	0G16M2A	MX3CN820SM	10,700	W2120X-14	0G22M1A	MX3CN820SM	13,800
W2122X-15	0G16M2A	MX3CN820SX	10,500	W2120X-15	0G22M1A	MX3CN820SX	13,800
W2122X-16	0G23M2A	MX3CN820SW	10,700	W2120X-16	0G13M3A	MX3CN820SW	14,700
W2122X-17	0G23M2A	MX3CN820SM	10,700	W2120X-17	0G13M3A	MX3CN820SM	14,500
W2122X-18	0G23M2A	MX3CN820SX	10,500	W2120X-18	0G13M3A	MX3CN820SX	14,200

<sup>1</sup> In an ISO report commonly two values are listed: declared ISO yield and calculated test values. Generally, the calculated test values are higher than the declared ISO yield. Actual cartridge yields vary considerably based on content of images printed and other factors. For more information, visit [www.hp.com/go/learnaboutequipment](http://www.hp.com/go/learnaboutequipment).