

Yield Reporting Form:

HP Color LaserJet Pro M253 and HP Color LaserJet Pro MFP M278 M279 cartridge models W2110A-W2113A Starter

Declared ISO Yield

Toner cartridge yield:Average composite CMY cartridge yield **700** standard pages¹Average K cartridge yield **800** standard pages¹

Declared yield value in accordance with ISO/IEC 19798 based on continuous printing.

Calculated test values

90% lower confidence limit ¹	
HP 206A Cyan LaserJet Toner Cartridge (W2111A)	1223 pages
HP 206A Magenta LaserJet Toner Cartridge (W2113A)	1130 pages
HP 206A Yellow LaserJet Toner Cartridge (W2112A)	787 pages
Composite CMY	1009 pages
HP 206A Black LaserJet Toner Cartridge (W2110A)	1100 pages

Test date: beginning	2019/12/20
Test dates: ending	2020/1/20
Number of cartridges used in testing	48
Number of cartridges used in calculations	C=12, M=12, Y=12, K=12 (Total=48)
Type of cartridge	All-in-one
Shake procedure used?	Yes
Print mode	Continuous
MPACCO Mode	Off
Number of engines used in testing	4
Media	A4 Double-A
Paper size	A4
Paper feed orientation	Short edge
Computer model	vSphere Client virtual machine
Operating system	Microsoft Windows 7 Enterprise with SP1
Application software	HP Direct Print
Print driver version	6.7.0.23989
Connection type	network
Test page version	ISO-IEC 24712
Power on/off every day	No

Engine serial numbers:

Engine Firmware Version:

VNC4708833	20191211_0553
VNC4912546	20191211_0553
CN2KK5R6UJ	20191211_0553
CN2KK5R72J	20191211_0553

Cartridge testing data

Test environmental limits:

	Temperature	Humidity
	°C	%RH
Max running average	23.6	49
Min running average	23.2	47
Average	23.2	48

Cyan (W2111A_Starter) in HP Color LaserJet Pro				Magenta (W2113A_Starter) in HP Color LaserJet Pro			
Average:		1,283		Average:		1,185	
Standard Deviation:		117		Standard Deviation:		106	
90% LCB:		1,223		90% LCB:		1,130	
Cartridge#	Lot Code	Engine SerNo	Cartridge Yield	Cartridge#	Lot Code	Engine SerNo	Cartridge Yield
W2111A-1	9J26M1FaN	VNC4708833	1,235	W2113A-1	9J26M2FaN	VNC4708833	1,260
W2111A-2	9J26M1FaN	VNC4912546	1,150	W2113A-2	9J18M1FaN	VNC4912546	1,125
W2111A-3	9J26M1FaN	CN2KK5R6UJ	1,285	W2113A-3	9J26M2FaN	CN2KK5R6UJ	1,315
W2111A-4	9K03M2FaN	CN2KK5R72J	1,490	W2113A-4	9K04M2FaN	CN2KK5R72J	1,050
W2111A-5	9J18M2FaN	VNC4708833	1,235	W2113A-5	9J18M1FaN	VNC4708833	1,260
W2111A-6	9J18M2FaN	VNC4912546	1,155	W2113A-6	9J26M2FaN	VNC4912546	1,160
W2111A-7	9J18M2FaN	CN2KK5R6UJ	1,220	W2113A-7	9J18M1FaN	CN2KK5R6UJ	1,275
W2111A-8	9J18M2FaN	CN2KK5R72J	1,225	W2113A-8	9J26M2FaN	CN2KK5R72J	1,280
W2111A-9	9K03M2FaN	VNC4708833	1,255	W2113A-9	9K04M2FaN	VNC4708833	1,050
W2111A-10	9K03M2FaN	VNC4912546	1,250	W2113A-10	9K04M2FaN	VNC4912546	1,100
W2111A-11	9K03M2FaN	CN2KK5R6UJ	1,490	W2113A-11	9K04M2FaN	CN2KK5R6UJ	1,050
W2111A-12	9J26M1FaN	CN2KK5R72J	1,410	W2113A-12	9J18M1FaN	CN2KK5R72J	1,300

Yellow (W2112A_Starter) in HP Color LaserJet Pro				Black (W2110A_Starter) in HP Color LaserJet Pro			
Average:		835		Average:		1,152	
Standard Deviation:		93		Standard Deviation:		99	
90% LCB:		787		90% LCB:		1,100	
Cartridge#	Lot Code	Engine SerNo	Cartridge Yield	Cartridge#	Lot Code	Engine SerNo	Cartridge Yield
W2112A-1	9J27M3FaN	VNC4708833	760	W2110A-1	9J29M3FaN	VNC4708833	1,175
W2112A-2	9J18M2FaN	VNC4912546	725	W2110A-2	9J26M1FaN	VNC4912546	1,050
W2112A-3	9J18M2FaN	CN2KK5R6UJ	875	W2110A-3	9K02M3FaN	CN2KK5R6UJ	975
W2112A-4	9J18M2FaN	CN2KK5R72J	950	W2110A-4	9J26M1FaN	CN2KK5R72J	1,150
W2112A-5	9J18M2FaN	VNC4708833	760	W2110A-5	9J26M1FaN	VNC4708833	1,280
W2112A-6	9K07M2FaN	VNC4912546	750	W2110A-6	9J02M3FaN	VNC4912546	1,225
W2112A-7	9K07M2FaN	CN2KK5R6UJ	825	W2110A-7	9J29M3FaN	CN2KK5R6UJ	1,230
W2112A-8	9J27M3FaN	CN2KK5R72J	950	W2110A-8	9J29M3FaN	CN2KK5R72J	1,235
W2112A-9	9K07M2FaN	VNC4708833	700	W2110A-9	9K02M3FaN	VNC4708833	1,050
W2112A-10	9J27M3FaN	VNC4912546	875	W2110A-10	9J29M3FaN	VNC4912546	1,250
W2112A-11	9J27M3FaN	CN2KK5R6UJ	950	W2110A-11	9J26M1FaN	CN2KK5R6UJ	1,150
W2112A-12	9K07M2FaN	CN2KK5R72J	900	W2110A-12	9K02M3FaN	CN2KK5R72J	1,050

¹ 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/learnaboutsupplies.