

Yield Reporting Form: HP Color LaserJet Enterprise M880 cartridge models CF300A-CF303A

Declared ISO Yield

Toner cartridge yield:Average composite CMY cartridge yield 32,000 standard pages¹Average K cartridge yield 29,500 standard pages¹*Declared yield value in accordance with ISO/IEC 19798 based on continuous printing.*Calculated test values**Toner lab data and results**

90% lower confidence limit¹	
Cyan (CF301A) Cartridge	31787 pages
Magenta (CF303A) Cartridge	32408 pages
Yellow (CF302A) Cartridge	36200 pages
Composite CMY	33355 pages
Black (CF300A) Cartridge	32258 pages

Test date: beginning	3/11/2014
Test dates: ending	3/24/2014
Number of cartridges used in testing	64
Number of cartridges used in calculations	C=16, M=16, Y=16, K=16 (Total=64)
Type of cartridge	All-in-one
Shake procedure used?	No
Print mode	Continuous
MPACCO Mode	Off
Number of engines used in testing	4
Media	HP Multipurpose
Paper size	Letter
Paper feed orientation	Long edge
Computer model	vSphere Client virtual machine
Operating system	Microsoft Windows 7 Enterprise with SP1
Application software	Batch File running hpnpf.exe
Print driver version	None: Internal PDF interpreter
Connection type	network
Test page version	ISO-IEC 24712
Power on/off every day	No

Engine serial numbers:

Engine Firmware Version:

CNCJM00054	2302243_421966
CNCJM00048	2302243_421966
CNBJM00024	2302243_421966
CNBJM00030	2302243_421966

Cartridge testing data**Test Environmental Data:**

Test environmental limits:	Temperature	Humidity
	°C	%RH
Max running average	23.1	52
Min running average	23.0	49
Average	23.1	50

Cartridge Testing Data:

Cyan (CF301A) in CLJ Enterprise flow MFP M880				Magenta (CF303A) in CLJ Enterprise flow MFP M880			
Average:		32,220		Average:		32,798	
Standard Deviation:		988		Standard Deviation:		889	
90% LCB:		31,787		90% LCB:		32,408	
Cartridge#	Lot Code	Engine SerNo	Cartridge Yield	Cartridge#	Lot Code	Engine SerNo	Cartridge Yield
CF301A-32	3K25N5a	CNCJM00054	31,050	CF303A-32	3K25N5a	CNCJM00054	30,845
CF301A-33	3K25N5a	CNCJM00048	32,260	CF303A-33	3K25N5a	CNCJM00048	32,485
CF301A-34	3K25N5a	CNBJM00024	31,035	CF303A-34	3K25N5a	CNBJM00024	32,045
CF301A-35	3K25N5a	CNBJM00030	31,830	CF303A-35	3K25N5a	CNBJM00030	32,250
CF301A-36	4A07N6a	CNCJM00054	31,485	CF303A-36	4A07N4a	CNCJM00054	32,595
CF301A-37	4A07N6a	CNCJM00048	31,440	CF303A-37	4A07N4a	CNCJM00048	32,680
CF301A-38	4A07N6a	CNBJM00024	31,270	CF303A-38	4A07N4a	CNBJM00024	32,280
CF301A-39	4A07N6a	CNBJM00030	31,405	CF303A-39	4A07N4a	CNBJM00030	32,260
CF301A-40	4A20N5a	CNCJM00054	32,650	CF303A-40	4A21N4a	CNCJM00054	32,960
CF301A-41	4A20N5a	CNCJM00048	33,265	CF303A-41	4A21N4a	CNCJM00048	33,160
CF301A-42	4A20N5a	CNBJM00024	31,765	CF303A-42	4A21N4a	CNBJM00024	33,000
CF301A-43	4A20N5a	CNBJM00030	32,325	CF303A-43	4A21N4a	CNBJM00030	32,250
CF301A-44	4A20N5a	CNCJM00054	33,720	CF303A-44	4A21N4a	CNCJM00054	34,410
CF301A-45	4A20N5a	CNCJM00048	33,400	CF303A-45	4A21N4a	CNCJM00048	33,705
CF301A-46	4A20N5a	CNBJM00024	34,175	CF303A-46	4A21N4a	CNBJM00024	34,055
CF301A-47	4A20N5a	CNBJM00030	32,440	CF303A-47	4A21N4a	CNBJM00030	33,785

Yellow (CF302A) in CLJ Enterprise flow MFP M880				Black (CF300A) in CLJ Enterprise flow MFP M880			
Average:		36,686		Average:		32,557	
Standard Deviation:		1,107		Standard Deviation:		682	
90% LCB:		36,200		90% LCB:		32,258	
Cartridge#	Lot Code	Engine SerNo	Cartridge Yield	Cartridge#	Lot Code	Engine SerNo	Cartridge Yield
CF302A-32	3K25N4a	CNCJM00054	35,705	CF300A-32	3K25N5a	CNCJM00054	32,255
CF302A-33	3K25N4a	CNCJM00048	36,050	CF300A-33	3K25N5a	CNCJM00048	32,990
CF302A-34	3K25N4a	CNBJM00024	35,330	CF300A-34	3K25N5a	CNBJM00024	32,520
CF302A-35	3K25N4a	CNBJM00030	35,735	CF300A-35	3K25N5a	CNBJM00030	32,840
CF302A-36	4A07N4a	CNCJM00054	36,340	CF300A-36	4A07N6a	CNCJM00054	31,210
CF302A-37	4A07N4a	CNCJM00048	36,070	CF300A-37	4A07N6a	CNCJM00048	32,455
CF302A-38	4A07N4a	CNBJM00024	35,555	CF300A-38	4A07N6a	CNBJM00024	31,390
CF302A-39	4A07N4a	CNBJM00030	35,615	CF300A-39	4A07N6a	CNBJM00030	32,180
CF302A-40	4A20N5a	CNCJM00054	37,785	CF300A-40	4A23N4a	CNCJM00054	32,320
CF302A-41	4A20N5a	CNCJM00048	38,085	CF300A-41	4A23N4a	CNCJM00048	33,610
CF302A-42	4A20N5a	CNBJM00024	36,440	CF300A-42	4A23N4a	CNBJM00024	31,740
CF302A-43	4A20N5a	CNBJM00030	37,280	CF300A-43	4A23N4a	CNBJM00030	32,855
CF302A-44	4A20N5a	CNCJM00054	38,005	CF300A-44	4A23N4a	CNCJM00054	33,090
CF302A-45	4A20N5a	CNCJM00048	38,540	CF300A-45	4A23N4a	CNCJM00048	33,190
CF302A-46	4A20N5a	CNBJM00024	36,210	CF300A-46	4A23N4a	CNBJM00024	33,060
CF302A-47	4A20N5a	CNBJM00030	38,225	CF300A-47	4A23N4a	CNBJM00030	33,205

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.