

Yield Reporting Form: HP Color LaserJet Enterprise M855 cartridge models CF310A-CF313A

Declared ISO Yield

Toner cartridge yield:Average composite CMY cartridge yield 31,500 standard pages¹Average K cartridge yield 29,000 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 (CF311A) Cartridge	31662 pages
Magenta (CF313A) Cartridge	31836 pages
Yellow (CF312A) Cartridge	35576 pages
Composite CMY	32930 pages
Black (CF310A) Cartridge	31551 pages

Test date: beginning	2/24/2014
Test dates: ending	3/10/2014
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:

CNBJ500053	2301087_394634
CNBJ500047	2301087_394634
CNBJ500046	2301087_394634
CNBJ500051	2301087_394634

Cartridge testing data**Test Environmental Data:**

Test environmental limits:	Temperature	Humidity
	°C	%RH
Max running average	23.0	53
Min running average	23.0	49
Average	23.0	50

Cartridge Testing Data:

Cyan (CF311A) in HP CLJ Enterprise M855				Magenta (CF313A) in HP CLJ Enterprise M855			
Average:		32,449		Average:		32,574	
Standard Deviation:		1,796		Standard Deviation:		1,684	
90% LCB:		31,662		90% LCB:		31,836	
Cartridge#	Lot Code	Engine SerNo	Cartridge Yield	Cartridge#	Lot Code	Engine SerNo	Cartridge Yield
CF311A-16	3L03N4a	CNBJ500053	31,505	CF313A-16	3L02N5a	CNBJ500053	31,500
CF311A-17	3L03N4a	CNBJ500047	30,845	CF313A-17	3L02N5a	CNBJ500047	31,510
CF311A-18	3L03N4a	CNBJ500046	32,440	CF313A-18	3L02N5a	CNBJ500046	34,850
CF311A-19	3L03N4a	CNBJ500051	30,080	CF313A-19	3L02N5a	CNBJ500051	31,715
CF311A-20	4A08N4a	CNBJ500053	31,425	CF313A-20	4A07N4a	CNBJ500053	31,560
CF311A-21	4A08N4a	CNBJ500047	30,915	CF313A-21	4A07N4a	CNBJ500047	31,025
CF311A-22	4A08N4a	CNBJ500046	34,160	CF313A-22	4A07N4a	CNBJ500046	35,520
CF311A-23	4A08N4a	CNBJ500051	31,030	CF313A-23	4A07N4a	CNBJ500051	30,730
CF311A-24	4A20N5a	CNBJ500053	31,600	CF313A-24	4A21N5a	CNBJ500053	32,735
CF311A-25	4A20N5a	CNBJ500047	32,005	CF313A-25	4A21N5a	CNBJ500047	31,540
CF311A-26	4A20N5a	CNBJ500046	36,465	CF313A-26	4A21N5a	CNBJ500046	34,995
CF311A-27	4A20N5a	CNBJ500051	32,055	CF313A-27	4A21N5a	CNBJ500051	30,630
CF311A-28	4A20N5a	CNBJ500053	32,965	CF313A-28	4A21N5a	CNBJ500053	32,440
CF311A-29	4A20N5a	CNBJ500047	32,975	CF313A-29	4A21N5a	CNBJ500047	32,575
CF311A-30	4A20N5a	CNBJ500046	36,080	CF313A-30	4A21N5a	CNBJ500046	35,410
CF311A-31	4A20N5a	CNBJ500051	32,645	CF313A-31	4A21N5a	CNBJ500051	32,445

Yellow (CF312A) in LaserJet HP Color LaserJet Enterprise M855				Black (CF310A) in LaserJet HP Color LaserJet Enterprise M855			
Average:		35,838		Average:		31,768	
Standard Deviation:		598		Standard Deviation:		495	
90% LCB:		35,576		90% LCB:		31,551	
Cartridge#	Lot Code	Engine SerNo	Cartridge Yield	Cartridge#	Lot Code	Engine SerNo	Cartridge Yield
CF312A-16	3L03N4a	CNBJ500053	35,690	CF310A-16	3L03N5a	CNBJ500053	31,105
CF312A-17	3L03N4a	CNBJ500047	36,285	CF310A-17	3L03N5a	CNBJ500047	32,315
CF312A-18	3L03N4a	CNBJ500046	35,565	CF310A-18	3L03N5a	CNBJ500046	31,405
CF312A-19	3L03N4a	CNBJ500051	35,805	CF310A-19	3L03N5a	CNBJ500051	31,255
CF312A-20	4A07N4a	CNBJ500053	36,105	CF310A-20	4A08N4a	CNBJ500053	31,735
CF312A-21	4A07N4a	CNBJ500047	36,255	CF310A-21	4A08N4a	CNBJ500047	32,210
CF312A-22	4A07N4a	CNBJ500046	36,080	CF310A-22	4A08N4a	CNBJ500046	31,375
CF312A-23	4A07N4a	CNBJ500051	35,555	CF310A-23	4A08N4a	CNBJ500051	31,495
CF312A-24	4A22N5a	CNBJ500053	35,750	CF310A-24	4A22N4a	CNBJ500053	31,690
CF312A-25	4A22N5a	CNBJ500047	34,715	CF310A-25	4A22N4a	CNBJ500047	32,705
CF312A-26	4A22N5a	CNBJ500046	35,670	CF310A-26	4A22N4a	CNBJ500046	31,305
CF312A-27	4A22N5a	CNBJ500051	34,470	CF310A-27	4A22N4a	CNBJ500051	31,315
CF312A-28	4A22N5a	CNBJ500053	36,840	CF310A-28	4A22N4a	CNBJ500053	31,865
CF312A-29	4A22N5a	CNBJ500047	36,375	CF310A-29	4A22N4a	CNBJ500047	32,625
CF312A-30	4A22N5a	CNBJ500046	36,285	CF310A-30	4A22N4a	CNBJ500046	31,865
CF312A-31	4A22N5a	CNBJ500051	35,970	CF310A-31	4A22N4a	CNBJ500051	32,025

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.