

Yield Reporting Form:

HP Color LaserJet Enterprise M651 cartridge models CF330X, CF331A, CF332A, CF333A

Declared ISO Yield

Toner cartridge yield:Average composite CMY cartridge yield 15,000 standard pages¹Average K cartridge yield 20,500 standard pages¹*Declared yield value in accordance with ISO/IEC 19798 based on continuous printing.*Calculated test values

90% lower confidence limit ¹	
Cyan (CF331A) Cartridge	13196 pages
Magenta (CF333A) Cartridge	14969 pages
Yellow (CF332A) Cartridge	17578 pages
Composite CMY	15039 pages
Black (CF330X) Cartridge	20554 pages

Test date: beginning	3/28/2014
Test dates: ending	4/2/2014
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?	No
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	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:

JP2CG1HORY	2302829_434646
JP2CG1HOKL	2302829_434646
JP2CG1H1D4	2302829_434646

Cartridge testing data

Test environmental limits:	Temperature	Humidity
	°C	%RH
Max running average	22.9	53
Min running average	22.6	51
Average	22.7	52

Cyan (CF331A) in LaserJet HP CLJ M651				Magenta (CF333A) in LaserJet HP CLJ M651			
Average:		13,208		Average:		14,981	
Standard Deviation:		20		Standard Deviation:		19	
90% LCB:		13,196		90% LCB:		14,969	
Cartridge#	Lot Code	Engine SerNo	Cartridge Yield	Cartridge#	Lot Code	Engine SerNo	Cartridge Yield
CF331A-30	3L17H1Ba	JP2CG1HORY	13,195	CF333A-30	3L13H1Ba	JP2CG1HORY	14,965
CF331A-31	3L17H1Ba	JP2CG1HOKL	13,200	CF333A-31	3L13H1Ba	JP2CG1HOKL	14,965
CF331A-32	3L17H1Ba	JP2CG1H1D4	13,260	CF333A-32	3L13H1Ba	JP2CG1H1D4	15,025
CF331A-33	3L17H1Ba	JP2CG1HORY	13,205	CF333A-33	3L13H1Ba	JP2CG1HORY	14,975
CF331A-34	3L17H1Ba	JP2CG1HOKL	13,195	CF333A-34	3L13H1Ba	JP2CG1HOKL	14,980
CF331A-35	3L17H1Ba	JP2CG1H1D4	13,210	CF333A-35	3L13H1Ba	JP2CG1H1D4	14,995
CF331A-36	3L17H1Ba	JP2CG1HORY	13,200	CF333A-36	3L13H1Ba	JP2CG1HORY	14,975
CF331A-37	3L17H1Ba	JP2CG1HOKL	13,200	CF333A-37	3L13H1Ba	JP2CG1HOKL	14,975
CF331A-38	3L17H1Ba	JP2CG1H1D4	13,210	CF333A-38	3L13H1Ba	JP2CG1H1D4	14,970

Yellow (CF332A) in LaserJet HP CLJ M651				Black (CF330X) in LaserJet HP CLJ M651			
Average:		17,588		Average:		20,567	
Standard Deviation:		15		Standard Deviation:		21	
90% LCB:		17,578		90% LCB:		20,554	
Cartridge#	Lot Code	Engine SerNo	Cartridge Yield	Cartridge#	Lot Code	Engine SerNo	Cartridge Yield
CF332A-30	3L10H1Ba	JP2CG1HORY	17,585	CF330X-30	3L11H2Ba	JP2CG1HORY	20,560
CF332A-31	3L10H1Ba	JP2CG1HOKL	17,585	CF330X-31	3L11H2Ba	JP2CG1HOKL	20,560
CF332A-32	3L10H1Ba	JP2CG1H1D4	17,625	CF330X-32	3L11H2Ba	JP2CG1H1D4	20,620
CF332A-33	3L10H1Ba	JP2CG1HORY	17,575	CF330X-33	3L11H2Ba	JP2CG1HORY	20,560
CF332A-34	3L10H1Ba	JP2CG1HOKL	17,590	CF330X-34	3L11H2Ba	JP2CG1HOKL	20,560
CF332A-35	3L10H1Ba	JP2CG1H1D4	17,595	CF330X-35	3L11H2Ba	JP2CG1H1D4	20,580
CF332A-36	3L10H1Ba	JP2CG1HORY	17,580	CF330X-36	3L11H2Ba	JP2CG1HORY	20,555
CF332A-37	3L10H1Ba	JP2CG1HOKL	17,580	CF330X-37	3L11H2Ba	JP2CG1HOKL	20,555
CF332A-38	3L10H1Ba	JP2CG1H1D4	17,575	CF330X-38	3L11H2Ba	JP2CG1H1D4	20,555

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.