

Yield Reporting Form:**HP Color LaserJet Enterprise MFP M681/M682 series
cartridge models CF470X, CF471X, CF472X, and
CF473X****Declared ISO Yield****Toner cartridge yield:****Average composite CMY cartridge yield 23,000 standard pages¹****Average K cartridge yield 28,000 standard pages¹**

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

Calculated test values

90% lower confidence limit¹		
Cyan (C)	25,702 pages	
Magenta (M)	24,777 pages	
Yellow (Y)	24,218 pages	
Composite CMY	24,884 pages	
Black (K)	28,589 pages	
	CMY test	K test
Test beginning dates	4/20/2017	5/12/2017
Test ending dates:	8/4/2017	8/17/2017
Number of cartridges used in testing	48	16
Number of cartridges used in calculations	C=16, M=16, Y=16, (Total=48)	C=0, M=0, Y=0, K=16 (Total=16)
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	Short edge	
Computer model	vSphere Client virtual machine	
Operating system	Microsoft Windows 7 Enterprise with SP1	
Application software	HP Direct Print (EWS)	
Print driver version	HP Direct Print (EWS)	
Connection type	network	
Test page version	ISO-IEC 24712	
Power on/off every day	No	

Test engines**Test engines firmware versions****Serial numbers**

CMY test

K test

MX3CK360D1	240329_006039	2403322_00090
MX3CK360D8		
MX3CK3701Y		
MX3CK360FG		

Cartridge testing data

CMY test environmental limits:

Temperature	Humidity
°C	

K test environmental limits:

Temperature	Humidity
°C	

Max running average	23.0	51	Max running average	23.0	52
Min running average	23.0	49	Min running average	23.0	49
Average	23.0	50	Average	23.0	50

Cyan (CF471X) in HP CLJ Enterprise MFP M681				Magenta (CF473X) in HP CLJ Enterprise MFP M681			
Average:		25,893		Average:		24,967	
Standard Deviation:		436		Standard Deviation:		432	
90% LCB:		25,702		90% LCB:		24,777	
CartridgeNo	Lot Code	Engine SerNo	Cartridge Yield	CartridgeNo	Lot Code	Engine SerNo	Cartridge Yield
CF471X-01	7B15N2Aa	MX3CK360D1	25,900	CF473X-01	7A16N2Aa	MX3CK360D1	24,625
CF471X-02	7B15N2Aa	MX3CK360D8	25,660	CF473X-02	7A16N2Aa	MX3CK360D8	25,050
CF471X-03	7B15N2Aa	MX3CK3701Y	26,890	CF473X-03	7A16N2Aa	MX3CK3701Y	25,730
CF471X-04	7B15N2Aa	MX3CK360FG	26,190	CF473X-04	7A16N2Aa	MX3CK360FG	25,390
CF471X-05	6L15N1Aa	MX3CK360D1	25,020	CF473X-05	6L15N1Aa	MX3CK360D1	25,045
CF471X-06	6L15N1Aa	MX3CK360D8	25,660	CF473X-06	6L15N1Aa	MX3CK360D8	25,245
CF471X-07	6L15N1Aa	MX3CK3701Y	25,605	CF473X-07	6L15N1Aa	MX3CK3701Y	25,270
CF471X-08	6L15N1Aa	MX3CK360FG	25,525	CF473X-08	6L15N1Aa	MX3CK360FG	25,175
CF471X-09	7B18N1Aa	MX3CK360D1	25,720	CF473X-09	7B18N1Aa	MX3CK360D1	24,365
CF471X-10	7B18N1Aa	MX3CK360D8	26,075	CF473X-10	7B18N1Aa	MX3CK360D8	25,095
CF471X-11	7B18N1Aa	MX3CK3701Y	25,790	CF473X-11	7B18N1Aa	MX3CK3701Y	24,605
CF471X-12	7B18N1Aa	MX3CK360FG	25,845	CF473X-12	7B18N1Aa	MX3CK360FG	24,945
CF471X-13	7B15N2Aa	MX3CK360D1	25,925	CF473X-13	7A16N2Aa	MX3CK360D1	24,155
CF471X-14	6L15N1Aa	MX3CK360D8	25,700	CF473X-14	6L15N1Aa	MX3CK360D8	25,200
CF471X-15	7B18N1Aa	MX3CK3701Y	26,575	CF473X-15	7B18N1Aa	MX3CK3701Y	24,335
CF471X-16	7B15N2Aa	MX3CK360FG	26,200	CF473X-16	7A16N2Aa	MX3CK360FG	25,240

Yellow (CF472X) in HP CLJ Enterprise MFP M681				Black (CF470X) in CLJ Enterprise MFP M681			
Average:		24,520		Average:		29,003	
Standard Deviation:		690		Standard Deviation:		944	
90% LCB:		24,218		90% LCB:		28,589	
CartridgeNo	Lot Code	Engine SerNo	Cartridge Yield	CartridgeNo	Lot Code	Engine SerNo	Cartridge Yield
CF472X-01	7B09N2Aa	MX3CK360D1	23,890	CF470X-17	7B23N1Aa	MX3CK360D1	27,985
CF472X-02	7B09N2Aa	MX3CK360D8	23,360	CF470X-18	7B03N2Aa	MX3CK360D8	30,350
CF472X-03	7B09N2Aa	MX3CK3701Y	24,715	CF470X-19	7B03N2Aa	MX3CK3701Y	30,495
CF472X-04	7B09N2Aa	MX3CK360FG	24,230	CF470X-20	7B23N1Aa	MX3CK360FG	27,940
CF472X-05	6L14N1Aa	MX3CK360D1	24,630	CF470X-21	6L14N1Aa	MX3CK360D1	29,165
CF472X-06	6L14N1Aa	MX3CK360D8	24,720	CF470X-22	7B17N2Aa	MX3CK360D8	27,190
CF472X-07	6L14N1Aa	MX3CK3701Y	25,620	CF470X-23	7B10N1Aa	MX3CK3701Y	29,420
CF472X-08	6L14N1Aa	MX3CK360FG	25,380	CF470X-24	7B03N2Aa	MX3CK360FG	30,275
CF472X-09	7B16N2Aa	MX3CK360D1	23,560	CF470X-25	7B17N2Aa	MX3CK360D1	27,955
CF472X-10	7B16N2Aa	MX3CK360D8	24,015	CF470X-26	7B10N1Aa	MX3CK360D8	28,925
CF472X-11	7B16N2Aa	MX3CK3701Y	24,595	CF470X-27	7B10N1Aa	MX3CK3701Y	29,345
CF472X-12	7B16N2Aa	MX3CK360FG	24,090	CF470X-28	7B10N1Aa	MX3CK360FG	28,990
CF472X-13	7B09N2Aa	MX3CK360D1	24,495	CF470X-29	7B17N2Aa	MX3CK360D1	28,215
CF472X-14	6L14N1Aa	MX3CK360D8	25,660	CF470X-30	7B10N1Aa	MX3CK360D8	29,330
CF472X-15	7B16N2Aa	MX3CK3701Y	24,160	CF470X-31	7B10N1Aa	MX3CK3701Y	29,235
CF472X-16	7B09N2Aa	MX3CK360FG	25,205	CF470X-32	7B10N1Aa	MX3CK360FG	29,225

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.