

Yield Reporting Form: HP LaserJet Pro MFP M435 cartridge model CZ192A

Declared ISO yield

Toner cartridge yield:Average cartridge yield 12000 standard pages¹*Declared yield value in accordance with ISO/IEC 19752 based on continuous printing*Calculated test values

Average ¹	12,524
Standard Dev.	197
90% lower confidence limit ¹	12,438

Test date: beginning	2013/7/24
Test dates: ending	2013/7/27
Number of cartridges used in testing	16
Number of cartridges used in calculations	16
Type of cartridge	Hewlett Packard CZ192A all in one
Shake procedure used?	No
Print mode	Continuous
Job size	200 pages per job
Number of engines used in testing	4
Media	Double A
Paper size	A4
Paper feed orientation	Short edge
Computer model	HP 2025
Operating system	WINDOWS XP
Application software	Adobe Reader 9
Print driver version	HP LaserJet PCL6
Connection type	network
Test page version*	Version 4.0 pdf

Power on/off every day	No
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Engine serial numbers:	Engine Firmware Version:
CN48F7011P	20130619
CN48F7012F	20130619
CN48F70105	20130619
CN48F700ZN	20130619

*filename: Download_Free__19752_Test_Chart__.pdf from ISO SC28 website

Cartridge testing data

Test environmental limits:

	Temperature	Humidity
	°C	%RH
Max running average	23.6	46
Min running average	23.6	46
Average	23.7	47

CZ192A		LJ Pro MFP M435nw	
Cartridge	Lot Code	Engine SerNo	Cartridge Yield
CZ192A-01	3E06Z1a	CN48F7011P	12,495
CZ192A-02	3E06Z1a	CN48F7012F	12,447
CZ192A-03	3E17Z1a	CN48F70105	12,583
CZ192A-04	3E06Z1a	CN48F700ZN	12,501
CZ192A-05	3E17Z1a	CN48F7011P	12,432
CZ192A-06	3E17Z1a	CN48F7012F	12,880
CZ192A-07	3E17Z1a	CN48F70105	12,586
CZ192A-08	3E17Z1a	CN48F700ZN	12,297
CZ192A-09	2L03Z1a	CN48F7011P	12,289
CZ192A-10	3E17Z1a	CN48F7012F	12,821
CZ192A-11	3E17Z1a	CN48F70105	12,674
CZ192A-12	3E17Z1a	CN48F700ZN	12,283
CZ192A-13	2L03Z1a	CN48F7011P	12,265
CZ192A-14	3E17Z1a	CN48F7012F	12,369
CZ192A-15	3E06Z1a	CN48F70105	12,387
CZ192A-16	3E06Z1a	CN48F700ZN	12,487

¹ In an ISO report two values are commonly 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/learnaboutesupplies.