

Yield Reporting Form: HP LaserJet P1102w cartridge model CE285A

Declaration of Yield

<p>Toner cartridge yield:</p> <p style="text-align: center;">Average cartridge yield 1600 standard pages¹</p> <p style="text-align: center;"><i>Declared yield value in accordance with ISO/IEC 19752</i></p>

Toner lab data and results

Average ¹	1709
Standard Dev.	58
90% lower confidence limit ¹	1673

Test date: beginning	2010-1-19
Test dates: ending	2010-1-20
Number of cartridges used in testing	9
Number of cartridges used in calculations	9
Type of cartridge	Hewlett Packard CE285A all in one
Shake procedure used?	Yes, at first and second fade
Print mode	continuous
Job size	100 pages per job to 1500 pages, 25 thereafter
Number of engines used in testing	3
Media	HP Everyday 80g
Paper size	A4
Paper feed orientation	short edge
Computer model	HP Compaq dc7700
Operating system	Win XP
Application software	Adobe Reader 9.0
Print driver version	20090922
Connection type	USB
Test page version*	2004E

Power on/off every day	No
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Engine serial numbers:	Engine Firmware Version:
VNC3D00083	20090924
VNC3D00182	20090924
VNC3D00184	20090924

*filename: c034911_ISO_IEC_19752_2004(E)_Test_Page.pdf from ISO SC28 website

Cartridge testing data:

CE285A		LJ P1102w	Humidity, %RH			Temperature, C			Cartridge Yield
Cartridge	Lot Code	Engine SerNo	Max	Min	Average	Max	Min	Average	
CE285A-001	9K06H1Ak	VNC3D00083	49.5	44.8	47.6	25.0	23.2	24.0	1638
CE285A-002	9K06H1Ak	VNC3D00182	49.5	44.8	47.6	25.0	23.2	24.0	1790
CE285A-003	9K06H1Ak	VNC3D00184	49.5	44.8	47.6	25.0	23.2	24.0	1701
CE285A-004	9K08H1Ak	VNC3D00083	49.5	44.8	47.6	25.0	23.2	24.0	1664
CE285A-005	9K08H1Ak	VNC3D00182	49.5	44.8	47.6	25.0	23.2	24.0	1795
CE285A-006	9K08H1Ak	VNC3D00184	49.5	44.8	47.6	25.0	23.2	24.0	1654
CE285A-007	9K12H1Ak	VNC3D00083	49.5	44.8	47.6	25.0	23.2	24.0	1730
CE285A-008	9K06H1Ak	VNC3D00182	49.5	44.8	47.6	25.0	23.2	24.0	1738
CE285A-009	9K12H1Ak	VNC3D00184	49.5	44.8	47.6	25.0	23.2	24.0	1670

¹ In an ISO report two values are commonly listed: declared ISO yield and calculated test values. In some instances the calculated test values can be higher than the declared ISO yield.

These differing values can be the result of HP overfilling early production cartridges to ensure declared ISO yields will be met or exceeded. Over time, cartridge adjustments are made to compensate for variations in the manufacturing process.

HP will never intentionally adjust the cartridge to below the declared ISO yield; however HP does not guarantee that cartridges will perform to the calculated test values over the life of cartridge production. For this reason, the official declared ISO yield rather than the calculated test value should be considered when evaluating cartridge yield.

Actual cartridge yields vary considerably based on images printed and other factors. For more information visit www.hp.com/go/learnaboutsupplies.