

# Monochrome Cartridge Yield Report



<b>Printer Identifier</b>	Toshiba e-STUDIO202L
<b>Cartridge Type</b>	Separate toner and drum
<b>Cartridge Identifiers</b>	Toshiba T-2340
<b>Test Methodology</b>	ISO/IEC 19752 2004-06-15
<b>Test Contact Information</b>	QualityLogic, Inc. 5401 Tech Circle Moorpark, CA 93021

## Declaration of Yield:

### Toner Cartridge Yield when tested in Toshiba e-STUDIO202L:

Using the test suite defined in ISO/IEC 19752 provides the following results:  
Average K (Black) Cartridge Yield – Up to 27,601 standard pages

Values obtained by continuous printing. Declared yield values in accordance with ISO/IEC 19752

Using 19752 Test Suite					
Cartridge Identifier	Color	Average (pages)	Standard Deviation (pages)	90% Lower Confidence (pages)	Number used in calculations/test
Toshiba T-2340	K (Black)	28,497	1,444	27,601	9/12

## Test Information

Date Tested	August 20, 2007 to September 17, 2007
Type of Cartridge	Separate toner and drum
Shake procedure used	None
Required Maintenance	<p>A periodic maintenance is required by a qualified service technician.</p> <p>After every cartridge change, the transfer charger wire is cleaned.</p> <ol style="list-style-type: none"> <li>1. Open the transfer cover to take out the transfer charger cleaner from the front pocket.</li> <li>2. Insert the transfer charger cleaner into the edge of the transfer separation unit and run it across the transfer charger wire. Remove the cleaner after cleaning, then press it against the wall of the next charger. Check if the wall of the next charger and check if the cleaner pad contacts the wire.</li> <li>3. Return the transfer charger cleaner to the front pocket and close the transfer cover.</li> </ol>
Clean procedure used	Turn printer off. Open the front door and locate the cleaning knob. Hold the cleaning knob, pull it out slowly and fully to the front and push it back to the inside carefully and completely. Repeat this 2 or 3 times.
End Of Life Criteria	This printer has Toner Out which stops printing. Whichever came first, either Toner Out or Fade, was used as the EOL criteria.
Print mode	Continuous
Number of printers used	3
Media used	Xerox Business 4200, 92 Brightness 20lb. weight
Paper Size	Letter
Paper feed orientation	Portrait
Computer model	Hewlett-Packard Compaq d220 MT
CPU	2.4 GHz. Celeron
Memory	512 MB
Interface	Network interface using TCP/IP.
Operating system	Microsoft Windows XP SP2
Driver version	Driver was obtained from printer via network. Driver version = 4.7.51.0
Application software	QualityLogic PageServe using Adobe Reader 8.0
Test Suite Version	Mono Laser – ISO/IEC 19752 (2004-06-15)
Print Method/Captured File	A captured print file was used. Footer and page count information was included on the printed output.

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Power on off each day (Y/N)	No
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## Summary Table

Cartridge Serial	Printer Serial	Temperature			Humidity			Cartridge Yield Pages	Used in Calculation (Yes/No)	EOL <sup>1</sup>
		°C			%					
		Avg. <sup>2</sup>	Max <sup>3</sup>	Min <sup>3</sup>	Avg. <sup>2</sup>	Max <sup>3</sup>	Min <sup>3</sup>			
QLI1	CQB718858	23.2	23.7	22.5	49.5	54.0	45.2	27,953	Yes	Toner Out
QLI4	CQB718858	23.7	24.7	22.7	49.3	56.0	42.0	27,188	Yes	Toner Out
QLI8	CQB718858	24.0	24.4	23.7	49.5	54.2	44.8	29,602	Yes	Toner Out
QLI2	CQB718833	23.2	23.7	22.5	49.5	54.0	45.2	29,233	Yes	Toner Out
QLI5	CQB718833	23.7	24.7	22.7	49.3	56.0	42.0	28,626	Yes	Toner Out
QLI9	CQB718833	24.0	24.4	23.5	49.6	54.2	44.8	31,538	Yes	Toner Out
QLI3	CQB718828	23.2	23.7	22.5	49.5	54.0	45.2	27,835	Yes	Toner Out
QLI6	CQB718828	23.7	24.7	22.7	49.2	56.0	42.0	27,466	Yes	Toner Out
QLI7	CQB718828	24.0	24.4	23.7	49.5	54.2	44.8	27,030	Yes	Toner Out

**Notes:**

No defective cartridges or printers were encountered during testing.  
 This printer is a replenishment system. The original cartridges were consumed before testing started.

**Comments:**

All printers were supplied by Toshiba.  
 All consumables were acquired by QualityLogic.

<sup>1</sup> Depletion in this column indicates that the cartridge was used to deplete other cartridges but was not completed to EOL.

<sup>2</sup> Averages are for the complete test cycle of the cartridge.

<sup>3</sup> Maximum and minimum averages are the averages of all four consecutive readings, per the ISO standard.