

Product environmental attributes - THE ECO DECLARATION

The declaration may be published only when all rows and/or fields marked with an * are filled-in (n.a. for not applicable).

Additional information regarding each item may be found under P14.

| Brand * | Hewlett-Packard | Logo |
|------------------------|--|-----------|
| Company name * | Hewlett-Packard | |
| Contact information * | Hans Wendschlag http://www.hp.com/hpinfo/globalcitizenship/environment/contactem ail | UP |
| Internet site * | http://www.hp.com/hpinfo/globalcitizenship/environment/ | |
| Additional information | | |

| | The company declares (based on product specification or test results based obtained from sample testing), that the product conforms to the statements given in this declaration. | | | | | |
|------------------------|---|--|--|--|--|--|
| Type of product * | Color LaserJet Printer | | | | | |
| Commercial name * | HP Color LaserJet Enterprise M651 Series | | | | | |
| Model number * | HP Color LaserJet Enterprise M651n (CZ255A), HP Color LaserJet Enterprise M651dn (CZ256A), HP Color LaserJet Enterprise M651xh (CZ257A), HP Color LaserJet Managed M651dnm (H0DC9A), HP Color LaserJet Managed M651xhm (L8Z07A) | | | | | |
| Issue date * | May 2015 | | | | | |
| Intended market * | Global Europe Asia, Pacific & Japan Americas Other | | | | | |
| Additional information | | | | | | |

This is an uncontrolled copy when in printed form. Please refer to the contact information for the latest version.

| Quality | Quality Control | | |
|---------|--|-------------|----|
| Item | | Yes | No |
| QC1 * | The company enforces an internal quality control scheme to ensure the correctness of this eco declaration | \boxtimes | |
| QC2 * | The company is a member of an eco-declaration system that enforces regular independent quality control such as organized by IT-Företagen (see www.itecodeclaration.org). | ol 🔀 | |

| Model number * | HP Color LaserJet Enterprise M651n (CZ255A), HP Color LaserJet Enterprise M651dn (CZ256A), HP Color LaserJet Enterprise M651xh (CZ257A), HP Color LaserJet Managed M651dnm (H0DC9A), HP Color LaserJet Managed M651xhm (L8Z07A) | | | | |
|----------------|---|------|--|--|--|
| Issue date * | May 2015 | Logo | | | |

| Product | oduct environmental attributes - Legal requirements | | | met |
|---------|---|-------------|---------------------------|------|
| Item | | Yes | No | n.a. |
| P1 | Hazardous substances and preparations | | | |
| P1.1* | Products do not contain more than; 0.1% lead, 0.01% cadmium, 0.1% mercury, 0.1% hexavalent chromium, 0.1% polybrominated biphenyls (PBB) or 0.1% polybrominated diphenyl ethers (PBDE). (See legal reference and Note B1) | | | |
| P1.2* | Products do not contain Asbestos (see legal reference). Comment: Legal reference has no maximum concentration value. | \boxtimes | | |
| P1.3* | Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), hydrobromofluorocarbons (HBFC), hydrochlorofluorocarbons (HCFC), Halons, carbontetrachloride, 1,1,1-trichloroethane, methyl bromide (see legal reference). Comment: Legal reference has no maximum concentration values. | | | |
| P1.4* | Products do not contain more than; 0.005% polychlorinated biphenyl (PCB), 0.005% polychlorinated terphenyl (PCT) in preparations (see legal reference). | | | |
| P1.5* | Products do not contain more than 0.1% short chain chloroparaffins (SCCP) with 10-13 carbon atoms in the chain containing at least 48% per mass of chlorine in the SCCP (see legal reference). | | | |
| P1.6* | Textile and leather parts with direct skin contact do not contain Tri-(2,3,-dibromopropyl)-phosphate (TRIS), Tris-(aziridinyl)-phosphineoxide (TEPA), polybrominated biphenyl (PBB) (see legal reference). Comment: Legal reference has no maximum concentration values. | | | |
| P1.7* | Textile and leather parts with direct skin contact do not contain more than 0.003% Azo colorants that split aromatic amines. (See legal reference and Note B1) | | | |
| P1.8* | Wooden parts do not contain arsenic and chromium as a wood preservation treatment as well as pentachlorophenol and derivatives (see legal reference). Comment: Legal reference has no maximum concentration values. | | | |
| P1.9* | Parts with direct and prolonged skin contact do not release nickel in concentrations above 0.5 microgram/cm²/week (see legal reference). Comment: Max limit in legal reference when tested according to EN1811:1998. | | | |
| P1.10* | REACH Article 33 information about substances in articles is available at (add URL or mail contact): http://www.hp.com/hpinfo/globalcitizenship/environment/productdata/reachprinting-and- | | | |
| | im.html | | | |
| P2 | Batteries | | | |
| P2.1* | If the product contains a battery or an accumulator, it is labeled with the disposal symbol and if it contains more than 0.0005% of mercury (for button cells only) by weight, or more than 0.004% of lead, it shall be marked with the chemical symbol for the metal concerned, Hg or Pb. Information on proper disposal is provided in user manual. (See legal reference) | | | |
| P2.2* | Button cells used in the product do not contain more than 2% by weight of mercury. Other batteries or accumulators do not contain more than 0.0005% of mercury or 0.002% of cadmium. (See legal reference) | \boxtimes | | |
| P2.3* | Batteries and accumulators are easily removable by either users or service providers (as dependent on the design of the product). Exception: Batteries that are permanently installed for safety, performance, medical or data integrity reasons do not have to be "easily removable". (See legal reference) | | | |
| P3 | Safety, EMC connection to the telephone network and labeling | | | |
| P3.1* | The product complies with legally required safety standards as specified (see legal reference). | \boxtimes | | |
| P3.2* | The product complies with legally required standards for electromagnetic compatibility (see legal reference). | | H | -H |
| P3.3* | If product is intended for connection to a public telecom network or contains a radio transmitter, it complies | | $\frac{\square}{\square}$ | |
| P3.4* | with legally required standards for radio and telecommunication devices (see legal reference). The product is labeled to show conformance with applicable legal requirements (see legal reference). | \square | | |
| P4 | Consumable materials | | | |
| P4.1* | If a photo conductor (drum, belt etc.) is used in the product, it does not contain cadmium max 0.01% (see legal reference and Note B1). | | | |
| P4.2* | If ink/toner is used in the product, it does not contain cadmium max 0.1% by weight (see legal reference). | \boxtimes | | |
| P4.3* | If the ink/toner formulation/preparation is classified as hazardous according to applicable regulations, the product/packaging is adequately labeled and a Safety Data Sheet (SDS) in accordance with these requirements is available (see legal reference). | | | |
| P5 | Product packaging | | | |
| P5.1* | Packaging and packaging components do not contain more than 0.01% lead, mercury, cadmium and hexavalent chromium by weight of these together. | | | |
| P5.2* | Plastic packaging material is marked according to ISO 11469 referring ISO 1043 (see legal reference). | \square | | |
| P5.3* | The product packaging material is free from ozone depleting substances as specified in the Montreal Protocol (see legal reference). Comment: Legal reference has no maximum concentration values. | | | |
| | • | | | |

| Model number * | HP Color LaserJet Enterprise M651n (CZ255A), HP Color LaserJet Enterprise | e M651dn | (CZ256A), HP Color | | |
|----------------|--|----------|--------------------|--|--|
| | LaserJet Enterprise M651xh (CZ257A), HP Color LaserJet Managed M651dnm (H0DC9A), HP Color LaserJet | | | | |
| | Managed M651xhm (L8Z07A) | - | - | | |
| Issue date * | May 2015 | Logo | | | |
| | | | | | |
| | | | w <i>y</i> | | |

| Product | duct environmental attributes - Market requirements - Environmental conscious design | | | |
|---------|---|-----------------|-----------|---------------|
| Item | *=mandatory to fill in. Additional information regarding each item may be found under P14. | Yes | No | n.a. |
| P6 | Treatment information | | | |
| P6.1* | Information for recyclers/treatment facilities is available (see legal reference). | | | |
| P7 | Design Picasanthy resulting | | | |
| P7.1* | Disassembly, recycling Parts that have to be treated separately are easily separable | | | |
| P7.2* | Plastic materials in covers/housing have no surface coating. | | ₩ | - |
| | | | <u> </u> | |
| P7.3* | Plastic parts >100g consist of one material or of easily separable materials. | | <u> </u> | Щ. |
| P7.4* | Plastic parts >25g have material codes according to ISO 11469 referring ISO 1043. | | <u>Ц</u> | |
| P7.5 | Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools. | | Щ | |
| P7.6* | Labels are easily separable. (This requirement does not apply to safety/regulatory labels). | | Ш | <u>Ш</u> |
| D7 7* | Product lifetime | | _ | |
| P7.7* | Upgrading can be done e.g. with processor, memory, cards or drives | | <u> </u> | Щ. |
| P7.8* | Upgrading can be done using commonly available tools | | | |
| P7.9. | Spare parts are available after end of production for: 3 years | | | Щ. |
| P7.10 | Service is available after end of production for: 5 years | | | . Ш |
| 5= | Material and substance requirements | | | |
| P7.11* | Product cover/housing material type: | | | |
| P7.12 | Material type: PC+ABS-FR(40) Material type: ABS-FR(40) Material type: Electrical cable insulation materials of power cables are PVC free. | $\overline{}$ | \square | |
| P7.13 | Electrical cable insulation materials of power cables are PVC free | - - | | - |
| | All cover/housing plastic parts >25g are free from chlorine and bromine. | | | <u> </u> |
| P7.14 | • | | | |
| P7.15 | All printed circuit boards (without components) >25g are halogen free. as defined in IEC61249-2-21. (See Note B2) | | X | Ш |
| P7.16 | Flame retarded plastic parts >25g in covers / housings are marked according ISO 1043-4: | \boxtimes | | |
| | Marking: 40 | | | |
| P7.17 | Alt. 1 Chemical specifications of flame retardants in printed circuit boards >25g (without components): | | | |
| | TBBPA (additive), TBBPA (reactive), Other; chemical name:, CAS #: | Ш | Ш | |
| | TBBFA (additive) , TBBFA (reactive) , Other, Chemical Hame. , CAS #. | | | |
| | Alt. 2 | | | |
| | Chemical specifications of flame retardants in printed circuit boards (without components) >25g according | | | |
| | ISO 1043-4: | | | |
| P7.18 | Alt. 1 | | | |
| | Flame retarded plastic parts >25g contain the following flame retardant substances/preparations in concentrations above 0.1%: | Ш | Ш | |
| | Comment: No legal limits exist, this is a market requirement. | | | |
| | 1. Chemical name: , CAS #: | | | |
| | 2. Chemical name: , CAS #: | | | |
| | 3. Chemical name: , CAS #: | | | |
| | Alt. 2 Chemical specifications of flame retardants in plastic parts >25g according ISO 1043-4: | | | |
| | Chemical specifications of fiame retardants in plastic parts >25g according 150 1045-4. | | | |
| P7.19 | Plastic parts >25g are free from flame retardant substances/ preparations above 0.1% classified as R45, | 一一 | Ħ | $\overline{}$ |
| - | R40, R46, R48, R50, R51, R53, R60, R61 and any combination of these (See Note B3) | | ш | ш |
| P7.20 | Of total plastic parts' weight >25g, recycled material content is 0%. | | | |
| P7.21 | Of total plastic parts' weight >25g, biobased material content is 0%. | | | |
| P7.22 | Light sources are free from mercury | | | |
| P8 | If mercury is used specify: Number of lamps: and max. mercury content per lamp: mg Batteries mg | | | |
| P8.1* | Battery chemical composition: Lithium carbon monofluoride | | | |
| P8.2 | Batteries meet the requirements of the following voluntary program/s: | | | |

Note B2: IEC61249-2--21 has maximum limits for chlorine and bromine but does not address fluorine, iodine and astatine which are included in the group of halogens.

Note B3: 'Starting from January 2009, Risk phrases can be replaced by Hazard phrases according to the Globally Harmonized System (GHS), mandatory by December 2010.

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|----------------|---|------|--|--|
| Issue date * | May 2015 | Logo | | |

| Product environmental attributes - Market requirements (continued) Requirement met | | | | | | |
|---|--|-------------------------|-------------------------|--------------------|---|----------------------------|
| Item | | | | | | |
| P9 Energy consumpti | | | | | | |
| 9.1 For the product the | following power levels | or energy consump | tions are reporte | ed: | | |
| Energy mode * | Power level at 100 V AC | Power level at 115 V AC | Power level 230 V AC | at | modes and test method * | |
| ENERGY STAR® Active State (Operating) | 644 W | 644 W | 651 W | | ENERGY STAR® Imaging Equipment Test Method (Ver. 2.0) | |
| ENERGY STAR® Ready Mode | 66 W | 66 W | 66.5 W | | ENERGY STAR® Imaging Equipment Test Method (Ver. 2.0) | |
| ENERGY STAR® Sleep Mode | 8 W | 8 W | 8.5 W | | ENERGY STAR® Imaging Equipment Test Method (Ver. 2.0) | |
| ENERGY STAR® Off Mode | 0.1 W | 0.1 W | 0.1 W | | ENERGY STAR® Imaging Equipment Test Method (Ver. 2.0) | |
| ENERGY STAR® Standby Mode | W | W | W | | ENERGY STAR® Imaging Equipment Test Method (Ver. 2.0) | |
| ENERGY STAR® Auto-Off Mode | W | W | W | | ENERGY STAR® Imaging Equipment Test Method (Ver. 2.0) | |
| EPS No-load (External power supply / charger plugged in the wall outlet but disconnected from the product.) | W | W | W | | ENERGY STAR® Program for External Power Supplies (Ver. 2.0) | |
| PTEC * Typical Energy Consumption | W | W | W | | | |
| TEC * Typical Energy Consumption | 4.7 kWh/week | 4.7 kWh/week | 4.7 kWh/week | | ENERGY STAR® Imaging Equipment Test Method (Ver. 2.0) | |
| ETEC * Annual Energy Consumption | kWh/year | kWh/year | kWh/yea | ar | | |
| Display resolution* : Megapix | els | | | | | |
| Print Speed * : 45 Images | s per minute | | | | | |
| Default time to enter energy say | ve mode: 30 minutes | | | | | |
| P9.2* Information about the | ne energy save functio | n is provided with th | e product. | | | $\vdash \overline{\sqcap}$ |
| ENERGY STAR® v | the energy requiremer rersion: : 2.0 Tier: | | oluntary program | | | |
| Others specify: | | | | | | |
| P10 Emissions | Dealared according to | 100 0206 | | | | |
| | Declared according to lode description | 150 9296 | Declared | | Declared A-weighted | l |
| in local | iodo docomption | | A-weighted sound power | | sound pressure level $L_{p {\rm Am}}$ (dB) | _ |
| | | | level L_{WAd} (B) | Ope | rator position Bystander positions | |
| | | | | | Desktop (only if product is not operator attended) | |
| | Ready | | * 4.9 | | 34 | |
| | Printing | - | * 7.1 | | 55 | |
| Other mode | | | | | | |
| Measured accordin | g to: ISO7779 Other | | by ECMA-74 with | h L _{pAn} | _n measurement distance m) | |
| P10.2 The product meets | the acoustic noise req | | | | | |

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|----------------|---|------|--|--|--|
| Issue date * | May 2015 | Logo | | | |

| Product 6 | environ | mental attributes - Marke | t requirements (continued |) | Rec | uirer | nent | met |
|---------------|---|--|--------------------------------------|--|-------------------------------------|------------------|---------------|-----------|
| Item | | | | | | Yes | No | n.a. |
| | Chemi | cal emissions from printing p | products | | | | | |
| P10.3* | Test pe | erformed according to ECMA-3 | 28 (ISO/IEC 28360) standard | , other specify: RAL-UZ 171 | | X | | |
| P10.4 | | emission rate (print phase) is | | | | | | Ħ |
| | 71 | Dust Ozone | Styrene Benzene | TVOC | | | | |
| P10.5 | Chemic | | | Blue Angel UZ 171 are met fo | or: | \boxtimes | | |
| | | 7 | a remaining remaining programme | | | | ш | ш |
| | | Dust Ozone | Styrene 🔀 Be | enzene 🛛 TVOC 🔀 | | | | |
| | Electro | omagnetic emissions | | | | | | |
| P10.6 | Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary program/s: | | | | | | | |
| P11 | | mable materials for printing | products | | • | | | |
| P11.1* | A Safe | ty Data Sheet (SDS) is availabl | e for the ink/toner preparation, | even if not legally required (see | P4.3). | X | | |
| P11.2* | Paper EN122 | | ycled fibers can be used, pro | vided that it meets the require | ments of | | | |
| P11.3* | | d (duplex) printing/copying is ar | integrated product function. | | | \boxtimes | | |
| P12 | | omics for computing product | | | | | | |
| P12.1* | | | uirements of ISO 9241-307 for v | visual display technologies. | | $\overline{}$ | $\overline{}$ | \square |
| P12.2* | | | equirements of ISO 9995 and IS | | | | + | |
| | | | equirements of 150 9995 and 15 | 50 9241-410. | - | <u> Ц</u> | | |
| P13 | | ging and documentation | | | | | | |
| P13.1* | | t packaging material type(s): | | (kg): 155 | | | | |
| | | et packaging material type(s): | • | . 6, | | | | |
| | Produc | t packaging material type(s): L | DPE weight | (kg): 0.4 | | | | |
| P13.2* | | t plastic packaging is free from | | | | \boxtimes | | |
| P13.3* | | media for user and product do | cumentation (tick box): | | | | | |
| | Electro | nic X, Paper X, Other | | | | | | |
| P13.4* | fiber: | 0% | | percentage of post-consumer re | ecycled | | | <u>Ц</u> |
| Rev. P13.5 | User a | nd product documentation do n | ot contain chlorine bleached pa | aper | | | | |
| P14 | | onal information (See Note B | | | | | | |
| All | | | | id as of the date the declaration te some information contained in | | | | |
| P7.9/7.10 | | ne Blue Angel certified HP Colo pare parts and service suppport | | HP Color LaserJet Enterprise M | 1651xh includ | les 5 y | ears | |
| P9 | 2. M | any printers are offered in mult r an ENERGY STAR® qualified | iple configurations within the mo | odel family. Energy efficiency da the model family . HP printers ma | ata listed in that arked with th | nis dec e ENE | clarati | on is |
| | S | TAR® Logo qualify for the U.S. | Environmental Protection Ager | ncy (EPA) ENERGY STAR® aw | ard for imagi | ng eq | uipme | nt. |
| | | | | oducts, go to hp.com: http://www | | | t the | |
| | | | product categories to find print | ers or scanners that meet the EN | NERGY STA | R® | | |
| | | pecifications. a model family does not offer F | NERGY STAR® qualified confi | igurations, then energy efficiency | v data listed i | e for a | typic | ally |
| | O. II | onfigured model. | INERCOT OTARS qualified corifi | igurations, their energy emoleries | y data listed i | 3 101 6 | турю | any |
| | | | blished on the ECMA 370 The E | Eco Declaration represents a typ | ically configu | ıred pı | roduct | |
| | | | | del family. If optional component | s or modules | are a | dded, | |
| | | ese can change the energy effi | | | | | | |
| | 5. E | uropean Union Commission Re | egulation 1275/2008- Energy Inf | formation: | | | | |
| | | Mode/Condition | Power (W) | Default time to (if applicable) | | | | |
| | } | Off | N/A | N/A | | | | |
| | - | | | | | | | |
| | | Standby (if applicable) | N/A | N/A | | | | |
| | | Condition with network standby (sleep mode) | N/A | N/A | | | | |

Note B4: Additional lines may be inserted to declare further items, by positioning the cursor at the far right of the row and hitting the <Enter> key.

| | | Condition with network standby (sleep mode) when all wired network ports are connected and all wireless network ports are activated |
|-------|----|--|
| P10.1 | 1. | Acoustic noise information published on the ECMA 370 The Eco Declaration represents a typically configured product base model only. If optional items with moving parts are added, these can change acoustic noise values for which HP can take no responsibility. |
| P10.3 | 1. | Chemical emissions tests are perfomed on a representative product base model only. |
| P10.5 | 1. | Product meets Blue Angel UZ-171 UFP limits |
| | | |

Legal references Europe Annex B

| Reference | Declaration item |
|--|------------------------------|
| 2002/95/EC (ROHS Directive) | P1.1, P4.1 |
| REACH, Annex XVII | P1.6, P1.8, P4.2 |
| REACH, Annex XVII | P1.4 |
| REACH, Annex XVII | P1.2 |
| REACH, Annex XVII | P1.7 |
| REACH, Annex XVII | P1.9 |
| Regulation (EC) No. 2037/2000, 2038/2000, 2039/2000 | P1.3 |
| Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002 | P1.5 |
| 2006/66/EC (Battery and accumulators Directive) | P2.1, P2.2, P2,3, P3.4, P8.1 |
| 2006/95/EC (Low Voltage Directive) | P3.1, 3.4 |
| 2004/108/EEC (New EMC Directive) | P3.2, 3.4 |
| 1999/5/EC (R&TTE Directive) | P3.3, 3.4 |
| "REACH" Regulation (1907/2006), annex VII | P1.10 |
| (EC) No.1272/2008 regulation on classification, labeling and packaging (CLP) | P4.3 |
| REACH article 31, annex II | P4.3 |
| 2004/12/EC (Directive on packaging and packaging waste) | P5.1 |
| (97/129/EC) (Commission Decision on Identification System for Packaging Materials | P5.2 |
| 2037/2000/EC Regulation on Substances that Deplete the Ozone Layer | P5.3 |
| 2002/96/EC (WEEE directive) | P3.4, P6.1 |
| (EC) No.1272/2008 regulation on classification, labeling and packaging (CLP) | P7.19 |