

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 *	Lexmark	Logo
Company name *	Lexmark International, Inc.	TM I
Contact information *	Drew Zande (USA)	Lexmark
Internet site *	www.lexmark.ted / www.lexmark.com	
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 *	Single Function Mono Laser Printer				
Commercial name *	exmark MS610dn, Lexmark MS610dtn, Lexmark MS617dn				
Model number *	IS610dn, MS610dtn, MS617dn				
Issue date *	ebruary 24, 2014 (Revised June 1, 2017)				
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 Control			nt met
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 contro such as organized by IT-Företagen (see www.itecodeclaration.org).	ol 🔀	

Model number *	MS610dn, MS610dtn, MS617dn		
Issue date *	February 24, 2014 (Revised June 1, 2017)	Logo	🚺 Lexmark

Product	environmental attributes - Legal requirements	Require	ement	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),	\square		
	hydrobromofluorocarbons (HBFC), hydrochlorofluorcarbons (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).	\boxtimes		
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).	\boxtimes		
P1.6*	Textile and leather parts with direct skin contact do not contain Tri-(2,3,-dibromopropyl)-phosphate (TRIS),			X
	Tris-(aziridinyl)-phosphineoxide (TEPA), polybrominated biphenyl (PBB) (see legal reference).			_
D / D	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)			\square
P1.8*	Wooden parts do not contain arsenic and chromium as a wood preservation treatment as well as			\mathbb{X}
	pentachlorophenol and derivatives (see legal reference).			
D4 of	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/cm ² /week (see legal reference).	\bowtie		
	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):	\square		
	REACH Program Manager, HOD9237, 740 W. New Circle Rd., Lexington, KY 40550			
P2	Batteries			
P2.1*	If the product contains a battery or an accumulator, it is labeled with the disposal symbol and if it contains	\boxtimes		
	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	\square		
DO OT	accumulators do not contain more than 0.0005% of mercury or 0.002% of cadmium. (See legal reference)			
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 service providers (as dependent on the design of the product).		Ш	
	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).		<u> </u>	
P3.2*	The product complies with legally required standards for electromagnetic compatibility (see legal reference).			
P3.3*	If product is intended for connection to a public telecom network or contains a radio transmitter, it complies with legally required standards for radio and telecommunication devices (see legal reference).	6		
P3.4*	The product is labeled to show conformance with applicable legal requirements (see legal reference).	\boxtimes		
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).	\boxtimes		
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		Ħ	
	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 an hexavalent chromium by weight of these together.	d 🔀		
P5.2*	Plastic packaging material is marked according to ISO 11469 referring ISO 1043 (see legal reference).	\mathbf{X}		
P5.3*	The product packaging material is free from ozone depleting substances as specified in the Montrea		Ħ	
	Protocol (see legal reference). Comment: Legal reference has no maximum concentration values.			
L				

Note B1: Restriction applies to the homogeneous material, unless other specified and expressed in weight %.

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Product environmental attributes - Market requirements - Environmental conscious design Requirem								
Item		atory 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							
		mbly, recycling						
P7.1*	Parts that have to be treated separately are easily separable							
P7.2*		naterials in covers/housing have no surface coating.	\square					
P7.3*	Plastic p	arts >100g consist of one material or of easily separable materials.	\square					
P7.4*	Plastic p	arts >25g have material codes according to ISO 11469 referring ISO 1043.	\boxtimes					
P7.5	Plastic p	arts are free from metal inlays or have inlays that can be removed with commonly available tools.	\square					
P7.6*	Labels a	re easily separable. (This requirement does not apply to safety/regulatory labels).						
	Product	lifetime						
P7.7*	Upgradir	g can be done e.g. with processor, memory, cards or drives	\square					
P7.8*	Upgradir	g can be done using commonly available tools		Ē				
P7.9.	Spare pa	arts are available after end of production for: 5 years						
P7.10	Service i	s available after end of production for: 5 years						
		and substance requirements						
P7.11*		cover/housing material type:						
		type: ABS Material type: HIPS Material type: PC/ABS						
P7.12	Electrica	I cable insulation materials of power cables are PVC free.		\boxtimes				
P7.13	Electrica	I cable insulation materials of signal cables are PVC free		\boxtimes				
P7.14	All cover	/housing plastic parts >25g are free from chlorine and bromine.						
P7.15	All printe	d circuit boards (without components) >25g are halogen free. as defined in IEC61249-2-21. (See						
	Note B2							
P7.16	Flame re Marking:	tarded plastic parts >25g in covers / housings are marked according ISO 1043-4:	\boxtimes					
P7.17	Alt. 1 Chemica	additive) , TBBPA (reactive) , Other; chemical name: , CAS #:						
	ISO 1043	Il specifications of flame retardants in printed circuit boards (without components) >25g according 3-4: <i>FR(16)</i>						
P7.18	concentr	etarded plastic parts >25g contain the following flame retardant substances/preparations in ations above 0.1%: ent: No legal limits exist, this is a market requirement.						
	1. Chem 2. Chem	ical name: , CAS #: ical name: , CAS #: ical name: , CAS #:						
P7 10	FR(40), I	I specifications of flame retardants in plastic parts >25g according ISO 1043-4: FR(17), FR(16), FR(50) arts >25g are free from flame retardant substances/ preparations above 0.1% classified as R45,						
P7.19	R40, R46	6, R48, R50, R51, R53, R60, R61 and any combination of these (See Note B3)						
P7.20		plastic parts' weight >25g, recycled material content is <i>up to 8%</i> .						
P7.21		plastic parts' weight >25g, biobased material content is %.						
P7.22		Irces are free from mercury y is used specify: Number of lamps: and max. mercury content per lamp: mg	\boxtimes					
P8	Batterie							
P8.1*		hemical composition: Lithium Manganese Dioxide, LiMnO2						
P8.2		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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Product environmental attributes - Market requirements (continued) Requirement met							
Item							
P9 Energy consumption							
		Power level 230 V AC	at Reference / Standard for energy modes and test method *				
Printing	616 W	606 W	577 W	Corporate Standard			
Ready Mode	6.6 W	6.7 W	6.7 W	Energy Star IE V2.0			
Sleep Mode	2.5 W	2.5 W	2.5 W	Energy Star IE V2.0			
Hibernate Mode	0.34 W	0.44 W	0.41 W	IEC 62301			
Off Mode	0.00 W	0.00 W	0.00 W	IEC 62301			
	W	W	W				
EPS No-load	W	W	W		\triangleleft		
(External power supply / charger plugged in the wall outlet but disconnected from the product.)							
PTEC *	W	W	W		\triangleleft		
Typical Energy Consumption							
TEC *	2.3 kWh/week	2.3 kWh/week	2.3 kWh/week	Energy Star IE V2.0	٦		
Typical Energy Consumption							
Etec *	kWh/year	kWh/year	kWh/ye	ar 🛛	7		
Annual Energy Consumption					Z		
Dianlow resolution* .	laganivala				7		
	legapixels				2		
	es per minute			ISO 24374			
Default time to enter energy s				Energy Star IE V2.0			
	the energy save function		•				
	s the energy requirement version: 2.0 Tier: Prod	0		n/s:			
P10 Emissions					_		
	- Declared according to	ISO 9296					
P10.1 Mode	Mode description		Declared	Declared A-weighted			
			A-weighted sound power	sound pressure level $L_{p\rm Am}$ (dB)			
			level L_{WAd} (B)	Operator position Bystander positions			
				Desktop			
				operator attended)			
Idle	* Ready		3.3	15			
Operation	* Simplex Monochrom Normal Mode	ne Printing,	* 7.0	55			
Other mode	Simplex Monochrome Printing, Quiet Mode		6.5	50			
Measured accord	~	ECMA-74		h L . magguramant distance m)			
P10.2 The product meet				h L _{pAm} measurement distance m) program/s: <i>RAL-UZ 122/RAL-</i>			
UZ 171							

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Product	Re	equire	ment	met				
Item				Yes	No	n.a.		
	Chemica	al emissions from printing products						
P10.3*	Test performed according to ECMA-328 (ISO/IEC 28360) standard , other specify: RAL-UZ-122/RAL-UZ							
	171							
P10.4	Typical e	emission rate (print phase) is (mg/h):						
	Dust <0.7 Ozone <0.06 Styrene <0.12 Benzene <0.03 TVOC 2.9							
P10.5	Chemica	al emission requirements of the following voluntary program/s RAL-UZ-122/RAL-UZ 171 are	met for :	\boxtimes				
	0	Dust 🔀 🛛 Ozone 🖾 Styrene 🖾 🛛 Benzene 🖾 TVOC 🔀	3					
	Electron	nagnetic emissions						
P10.6	•	er display meets the requirement for low frequency electromagnetic fields of the following vol	luntary					
	program							
P11	Consum	nable materials for printing products	D4 0					
P11.1*		Data Sheet (SDS) is available for the ink/toner preparation, even if not legally required (see						
P11.2*	EN1228		ments of					
P11.3*	2-sided ((duplex) printing/copying is an integrated product function.		\square				
P12		mics for computing products						
P12.1*		play meets the ergonomic requirements of ISO 9241-307 for visual display technologies.				\square		
P12.2*	The phys	sical input device meets the requirements of ISO 9995 and ISO 9241-410.				\mathbb{X}		
P13		ing and documentation						
P13.1*	Product	packaging material type(s): Corrugated weight (kg): 1.78 packaging material type(s): Polystyrene, expanded weight (kg): 0.2858 packaging material type(s): weight (kg):						
P13.2*		plastic packaging is free from PVC.		\boxtimes				
P13.3*	Specify I	media for user and product documentation (tick box):						
		ic 🔀, Paper 🔀, Other 🗌						
P13.4*		er user and product documentation, please specify contained percentage of post-consumer r	ecycled					
Rev.		d product documentation do not contain chlorine bleached paper						
P13.5								
P14		nal information (See Note B4)						
P1.1		luct uses RoHS exemptions for lead used in small amounts for specific applications.						
P2.1		ery contained within this product should be disposed of properly with the product. The product is pr symbol and instructions for such disposal is listed in the product User's Guide.	roperly labe	eled with	the W	IEEE		
P.2.3	The battery contained within this product meets the exception listed. The battery is not intended to be removed by the customer;							
	however, is designed for easy removal by recyclers and service providers.							
P7.14	A small amount of bromine may be present in covers due to sourcing post consumer recycled content. No bromine was intentionally added in the processing of these parts.							
P7.20	Per IEEE	1680.2 PCR calculation.						
P9.1	Information provided in P9.1 is for products with firmware FW LW30.PR2.P307 or higher. Print speed listed is Letter; A4 speed is 47 ppm. The following table provides energy data for products with lower levels of firmware:							

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.

P9 Energy consumption					
9.1 For the product the following power levels or energy consumptions are reported:					
Energy mode *	Power level at 100 V AC	Power level at 115 VAC	Power level at 230 V AC	Reference / Standard for energy modes and test method *	
Printing	616 W	606 W	577 W	Corporate Standard	
Ready Mode	8.2 W	8.2 W	8.4 W	Energy Star I E V1.2	
Sleep Mode	4.0 W	4.0 W	4.0 W	Energy Star I E V1.2	
Hibernate Mode	0.34 W	0.44 W	0.41 W	IEC 62301	
Off Mode	0.00 W	0.00 W	0.00 W	IEC 62301	
	w	w	w		
EPS No-load (External power supply / charger plugged in the wall outlet but disconnected from the product.)	w	W	w		
PTEC * Typical Energy Consumption	w	w	w		
TEC * Typical Energy Consumption	2.6 kWh/week	2.45 kWh/week	2.46 kWh/week	Energy Star I E V1.2	
ETEC * Annual Energy Consumption	kWh/year	kWh/year	kWh/year		
Display resolution* : Me	gapixels				
Print Speed * : 50 Image	s per minute			Corporate Standard	
Default time to enter energy say	ve mode: 30 minutes			Energy Star I E V1.2	
P9.2* Information about th	ne energy save function	n is provided with th	e product.		
	the energy requirement version: 1.2 Tier: 1 Proc L UZ 122				
Additional company information and company environmental policy may be found at http://lexmark.com/environment					
Specific printer and supply item recycling information for your area may be found at http://lexmark.com/recycle Lexmark Sweden is connected to REPA and El-kretsen					

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