

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.	I DAZNA A DIZ
Contact information *	Nadia Martin (USA)	LEXM ARK _™
Internet site *	www.lexmark.se / 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 *	Multi Function Mono Laser Printer				
Commercial name *	Lexmark MX410de, Lexmark XM1140				
Model number *	MX410de, XM1140				
Issue date *	Rev. February 24, 2014				
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	Requireme	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).	I 🔀	

Model number *	MX410de, XM1140		
Issue date *	Rev. February 24, 2014	Logo	LEXMARK

Product	roduct environmental attributes - Legal requirements				
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.				
P1.3*					
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): 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 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				
P2.3*	accumulators do not contain more than 0.0005% of mercury or 0.002% of cadmium. (See legal reference) 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).	\square			
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).				
P3.4*	The product is labeled to show conformance with applicable legal requirements (see legal reference).	\square	П	П	
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).				
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.	t 🔀			
P5.2*	Plastic packaging material is marked according to ISO 11469 referring ISO 1043 (see legal reference).	\boxtimes			
P5.3*	The product packaging material is free from ozone depleting substances as specified in the Montrea Protocol (see legal reference).	I 🔀			
1	Comment: Legal reference has no maximum concentration values.				

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

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	del number * MX410de, XM1140 ue date * Rev. February 24, 2014 Logo I 1								
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		mental attributes - Market requirements - Environmental conscious of	design	Require					
Item		atory to fill in. Additional information regarding each item may be found under P14.		Yes	No	n.a.			
P6 P6.1*	Treatment information Information for recyclers/treatment facilities is available (see legal reference).								
		on for recycles/freatment facilities is available (see legal reference).			Ш				
P7	Design Disasse	mbly, recycling							
P7.1*	Parts tha	at have to be treated separately are easily separable		\boxtimes					
P7.2*	Plastic n	naterials in covers/housing have no surface coating.		\boxtimes					
P7.3*	Plastic p	arts >100g consist of one material or of easily separable materials.		\boxtimes					
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 a	available tools.	\boxtimes					
P7.6*	Labels a	re easily separable. (This requirement does not apply to safety/regulatory labels).		\boxtimes					
	Product	lifetime							
P7.7*	Upgradir	ng can be done e.g. with processor, memory, cards or drives		\boxtimes					
P7.8*	Upgradir	ng can be done using commonly available tools		\boxtimes					
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							
	Material	and substance requirements							
P7.11*	Product	cover/housing material type:							
			l type: PC/ABS						
P7.12		I cable insulation materials of power cables are PVC free.				Щ			
P7.13		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.			\boxtimes				
P7.15	All printe Note B2	ed circuit boards (without components) >25g are halogen free. as defined in IEC6)	1249-2-21. (Se	e 🗌					
P7.16	Flame re	starded plastic parts >25g in covers / housings are marked according ISO 1043-4:		\boxtimes					
D7.47	Marking:								
P7.17		al specifications of flame retardants in printed circuit boards >25g (without compone (additive) , TBBPA (reactive) , Other; chemical name: , CAS #:	ents):						
	ISO 104	al specifications of flame retardants in printed circuit boards (without components) > 3-4: <i>FR(16)</i>	-25g according						
P7.18	concentr	etarded plastic parts >25g contain the following flame retardant substances ations above 0.1%:	/preparations i	n 🔲					
		ent: No legal limits exist, this is a market requirement.							
		ical name: , CAS #:							
		ical name: , CAS #: ical name: , CAS #:							
	Alt. 2	ioai name. , OAS #.							
	Chemical specifications of flame retardants in plastic parts >25g according ISO 1043-4:								

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.

Plastic parts >25g are free from flame retardant substances/ preparations above 0.1% classified as R45,

and max. mercury content per lamp:

mg

R40, R46, R48, R50, R51, R53, R60, R61 and any combination of these (See Note B3)

Of total plastic parts' weight >25g, recycled material content is up to 6%.

Battery chemical composition: Lithium Manganese Dioxide, LiMnO2

Batteries meet the requirements of the following voluntary program/s:

Of total plastic parts' weight >25g, biobased material content is

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.

FR(40), FR(17), FR(16), FR(50)

Light sources are free from mercury If mercury is used specify: Number of lamps:

P7.19

P7.20

P7.21

P7.22

P8

P8.2

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	Product environmental attributes - Market requirements (continued) Requirement met						
Item Ye	es No	n.a.					
P9 Energy consumption							
9.1 For the product the following power levels or energy consumptions are reported:							
Energy mode * Power level at Power level at Power level at Power level at Reference / Standard for modes and test method *	energy						
Printing 534 W 509 W 482 W Corporate Standard							
Copy 546 W 516 W 493 W Corporate Standard							
Ready Mode 9.8 W 9.8 W 10.0 W Energy Star I E V2.0							
Sleep Mode 3.0 W 3.0 W 3.1 W Energy Star I E V2.0							
Hibernate Mode 0.26 W 0.28 W 0.39 W IEC 62301							
Off Mode 0.0 W 0.0 W IEC 62301							
EPS No-load W W W (External power supply / charger plugged in the wall outlet but disconnected from the product.)							
PTEC * W W Typical Energy Consumption							
TEC * Typical Energy Consumption 2.0 kWh/week 2.0 kWh/week 2.0 kWh/week Energy Star I E V2.0							
ETEC * kWh/year kWh/year kWh/year Annual Energy Consumption							
Display resolution* : Megapixels							
Print Speed * : 40 Images per minute ISO 24734 (US Letter)							
Default time to enter energy save mode: 30 minutes Energy Star I E V2.0							
P9.2* Information about the energy save function is provided with the product.							
P9.3* The product meets the energy requirements of the following voluntary program/s: ENERGY STAR® version: 2.0 Tier: Product category: Imaging Equipment Others specify: RAL UZ 171							
P10 Emissions							
Noise emission – Declared according to ISO 9296							
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$							
level L_{WAd} (B) Operator position Bystander	ositions						
or Desk side (only if produ							
Idle * Ready * 3.3 15							
Operation * Simplex Monochrome Printing, * 6.9 55 Normal Mode * 55							
Other mode Simplex Monochrome Printing, 6.4 50 Quiet Mode							
Measured according to: ISO7779 ECMA-74 Other (only if not covered by ECMA-74 with L _{pAm} measurement distance m)							
P10.2 The product meets the acoustic noise requirements of the following voluntary program/s: RAL-UZ 122/RAL-							

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Product	environmental attributes - Market requirements (continued)	equire	ment	met
Item		Yes	No	n.a.
	Chemical 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 emission rate (print phase) is (mg/h):			
	Dust <0.7 Ozone <0.06 Styrene <0.12 Benzene <0.03 TVOC 3.1			
P10.5	Chemical emission requirements of the following voluntary program/s RAL-UZ-122/RAL-UZ 171 are met for:			
	Dust ☑ Ozone ☑ Styrene ☑ Benzene ☑ TVOC ☑			
	Electromagnetic emissions			
P10.6	Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary program/s:			
P11	Consumable materials for printing products			
P11.1*	A Safety Data Sheet (SDS) is available for the ink/toner preparation, even if not legally required (see P4.3).	\boxtimes		
P11.2*	Paper containing post-consumer recycled fibers can be used, provided that it meets the requirements of EN12281.			
P11.3*	2-sided (duplex) printing/copying is an integrated product function.	\boxtimes		
P12	Ergonomics for computing products			
P12.1*	The display meets the ergonomic requirements of ISO 9241-307 for visual display technologies.			\boxtimes
P12.2*	The physical input device meets the requirements of ISO 9995 and ISO 9241-410.			
P13	Packaging and documentation			
P13.1*	Product packaging material type(s): Corrugated weight (kg): 2.806 Product packaging material type(s): Polystyrene, expanded weight (kg): 0.387 Product packaging material type(s): High Density Polyethylene weight (kg): 0.062			
P13.2*	Product plastic packaging is free from PVC.	\boxtimes		
P13.3*	Specify media for user and product documentation (tick box):			+
	Electronic , Paper , Other			<u> </u>
P13.4*	For paper user and product documentation, please specify contained percentage of post-consumer recycled fiber: 0%			
Rev. P13.5	User and product documentation do not contain chlorine bleached paper			
P13.5	Additional information (See Note B4)			
P1.1	This product uses RoHS exemptions for lead used in small amounts for specific applications.			
P2.1	The battery contained within this product should be disposed of properly with the product. The product is properly lab	eled with	the W	/FFF
. = . =	disposal symbol and instructions for such disposal is listed in the product User's Guide.			
	The battery contained within this product meets the exception listed. The battery is not intended to be removed by th	e custom	er;	
P.2.3	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 wa in the processing of these parts.	s intentio	nally d	added
P7.20	Per IEEE 1680.2 PCR calculation.			
P9.1	Information provided in P9.1 is for products with firmware FW LW30.SB4.P307 or higher. Print speed listed is Letter; A The following table provides energy data for products with lower levels of firmware:	4 speed is	38 pp	m.

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.

Energy mode *	Power level at 100 V AC	Power level at 115 V AC	Power level at 230 V AC	Reference / Standard for energy modes and test method *	
Printing	534 W	509 W	482 W	Corporate Standard	
Сору	546 W	516 W	493 W	Corporate Standard	
Ready Mode	11.5 W	11.1 W	11.6 W	Energy Star I E V1.2	
Sleep Mode	5.1 W	5.1 W	5.3 W	Energy Star I E V1.2	
Hibernate Mode	0.26 W	0.28 W	0.39 W	IEC 62301	
Off Mode	0.0 W	0.0 W	0.0 W	IEC 62301	
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	2.4 kWh/week	2.3 kWh/week	2.4 kWh/week	Energy Star I E V1.2	
ETEC * Annual Energy Consumption	kWh/year	kWh/year	kWh/year		
Display resolution* : Me	gapixels		l		
Print Speed * : 40 Image	s per minute			Corporate Standard	
Default time to enter energy sa	ve mode: 30 minutes			Energy Star I E V1.2	
P9.2* Information about t	he energy save functio	n is provided with th	e product.		
P9.3* The product meets the energy requirements of the following voluntary program/s: ENERGY STAR® version: 1.2 Tier: 1 Product category: Imaging Equipment Others specify: RAL UZ 122					

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