

## 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.				
Contact information *	Nadia Martin (USA)				
Internet site *	www.lexmark.se / www.lexmark.com				
Additional information					

The company declares (b	The company declares (based on product specification or test results based obtained from sample testing), that the product				
conforms to the statemen	Its given in this declaration.				
Type of product *	Multi Function Mono Laser Printer				
Commercial name *	Lexmark MX812dxe, Lexmark MX812dxfe, Lexmark MX812dxme, Lexmark XM7170x, Lexmark				
	MX812de, Lexmark MX812dfe, Lexmark MX812dme, Lexmark XM7170, Lexmark MX812dte, Lexmark				
	MX812dtfe, Lexmark MX812dtme				
Model number *	MX812dxe, MX812dxfe, MX812dxme, XM7170x, MX812de, MX812dfe, MX812dme, XM7170, MX812dte,				
	MX812dtfe, MX812dtme				
Issue date *	Rev. February 28, 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			nt met
Item		Yes	No
QC1 *	The company enforces an internal quality control scheme to ensure the correctness of this eco declaration		
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 n	umber *	MX812dxe, MX812dxfe, MX812dxme, XM7170x, MX812de, MX812dfe, MX812dme, XM7170, MX812dtfe, MX812dtme	MX812dte	),		
Issue da	te *	Rev. February 28, 2014	LEXM	[ <mark>]</mark> RI	Ķ	
Product	t environ	mental attributes - Legal requirements	Requirement me			
Item			Yes	No	n.a.	
P1	Hazardo	us substances and preparations				
P1.1*	chromiu	o do not contain more than; 0.1% lead, 0.01% cadmium, 0.1% mercury, 0.1% hexavalent n, 0.1% polybrominated biphenyls (PBB) or 0.1% polybrominated diphenyl ethers (PBDE). (See berence and Note B1)				
P1.2*	Products	o do not contain Asbestos (see legal reference). nt: Legal reference has no maximum concentration value.	$\boxtimes$			
P1.3*	hydrobro trichloro	do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), mofluorocarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbontetrachloride, 1,1,1- ethane, methyl bromide (see legal reference). Comment: Legal reference has no maximum ation values.				
P1.4*	Products	do not contain more than; 0.005% polychlorinated biphenyl (PCB), 0.005% polychlorinated (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 containing at least 48% per mass of chlorine in the SCCP (see legal reference).	$\boxtimes$			
P1.6*	Textile a Tris-(azi	nd leather parts with direct skin contact do not contain Tri-(2,3,-dibromopropyl)-phosphate (TRIS) ridinyl)-phosphineoxide (TEPA), polybrominated biphenyl (PBB) (see legal reference). ht: Legal reference has no maximum concentration values.	,			
P1.7*	Textile a	nd leather parts with direct skin contact do not contain more than 0.003% Azo colorants that split amines. (See legal reference and Note B1)			$\boxtimes$	
P1.8*	Wooden pentach	parts do not contain arsenic and chromium as a wood preservation treatment as well as orophenol and derivatives (see legal reference). ht: Legal reference has no maximum concentration values.				
P1.9*	Parts wit microgra	h direct and prolonged skin contact do not release nickel in concentrations above 0.5 m/cm <sup>2</sup> /week (see legal reference).				
P1.10*	REACH	nt: Max limit in legal reference when tested according to EN1811:1998. Article 33 information about substances in articles is available at (add URL or mail contact): Program Manager, HOD9237, 740 W. New Circle Rd., Lexington, KY 40550	$\square$			
P2	Batterie					
P2.1*	If the pro more that marked provided	duct contains a battery or an accumulator, it is labeled with the disposal symbol and if it contains in 0.0005% of mercury (for button cells only) by weight, or more than 0.004% of lead, it shall be with the chemical symbol for the metal concerned, Hg or Pb. Information on proper disposal is in user manual. (See legal reference)				
P2.2*		ells used in the product do not contain more than 2% by weight of mercury. Other batteries or ators do not contain more than 0.0005% of mercury or 0.002% of cadmium. (See legal reference)				
P2.3*	design o	and accumulators are easily removable by either users or service providers (as dependent on th f the product). Exception: Batteries that are permanently installed for safety, performance, medic integrity reasons do not have to be "easily removable". (See legal reference)				
P3		EMC connection to the telephone network and labeling				
P3.1*	The proc	luct complies with legally required safety standards as specified (see legal reference).	$\bowtie$			
P3.2*	The proo	luct complies with legally required standards for electromagnetic compatibility (see legal e).	$\square$			
P3.3*	with lega	t is intended for connection to a public telecom network or contains a radio transmitter, it complie Illy required standards for radio and telecommunication devices (see legal reference).				
P3.4*		luct is labeled to show conformance with applicable legal requirements (see legal reference).				
P4		able materials				
P4.1*	legal refe	o conductor (drum, belt etc.) is used in the product, it does not contain cadmium max 0.01% (see erence and Note B1).				
P4.2*		er is used in the product, it does not contain cadmium max 0.1% by weight (see legal reference).	$\bowtie$			
P4.3*	product/	/toner formulation/preparation is classified as hazardous according to applicable regulations, the backaging is adequately labeled and a Safety Data Sheet (SDS) in accordance with these tents is available (see legal reference).				
P5		packaging				
P5.1*	hexavale	ng and packaging components do not contain more than 0.01% lead, mercury, cadmium ar ant chromium by weight of these together.	nd 🔀			
P5.2*	Plastic p	ackaging material is marked according to ISO 11469 referring ISO 1043 (see legal reference).	$\square$			
P5.3*	Protocol	duct packaging material is free from ozone depleting substances as specified in the Montre (see legal reference). nt: Legal reference has no maximum concentration values.	al 🔀			

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

Model nu	I number * MX812dxe, MX812dxfe, MX812dxme, XM7170x, MX812de, MX812dfe, MX812dme, XM7170, MX812dte, MX812dtfe, MX812dtfe, MX812dtme								
Issue date *		Rev. February 28, 2014	Logo	Lexm	ARK				
						5			
Product		mental attributes - Market requirements - Environmental conscious	design l	Require	ment	met			
Item		atory to fill in. Additional information regarding each item may be found under P14.		Yes	No	n.a.			
P6		nt information							
P6.1*		on for recyclers/treatment facilities is available (see legal reference).							
P7	Design Disassembly, recycling								
P7.1*	Parts that have to be treated separately are easily separable								
P7.2*	Plastic materials in covers/housing have no surface coating.								
P7.3*		arts >100g consist of one material or of easily separable materials.			Ħ				
P7.4*		arts >25g have material codes according to ISO 11469 referring ISO 1043.			H				
P7.5		arts are free from metal inlays or have inlays that can be removed with commonly	available tools.		H				
P7.6*		re easily separable. (This requirement does not apply to safety/regulatory labels).			╞				
1 1.0	Product								
P7.7*		ig can be done e.g. with processor, memory, cards or drives							
P7.8*		g can be done using commonly available tools			∺	H			
P7.9.						$\mathbf{H}$			
P7.10		arts are available after end of production for: 5 years		_					
17.10		s available after end of production for: 5 years and substance requirements							
P7.11*		cover/housing material type:							
			al type: PC/ABS						
P7.12		I cable insulation materials of power cables are PVC free.	21		$\boxtimes$				
P7.13	Electrica	I cable insulation materials of signal cables are PVC free				Π			
P7.14	All cover	/housing plastic parts >25g are free from chlorine and bromine.				T			
P7.15		d circuit boards (without components) >25g are halogen free. as defined in IEC6	61249-2-21. (See	;					
P7.16	/	tarded plastic parts >25g in covers / housings are marked according ISO 1043-4:							
P7.17	Alt. 1								
		additive) , TBBPA (reactive) , Other; chemical name: , CAS #:	ents):						
	ISO 1043	I 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%:	s/preparations ir						
	1. Chem 2. Chem	ent: No legal limits exist, this is a market requirement. ical name: , CAS #: ical name: , CAS #: ical name: , CAS #:							
	Chemica FR(40),	I specifications of flame retardants in plastic parts >25g according ISO 1043-4: <b>FR(17), FR(16), FR(50)</b>		$\boxtimes$					
P7.19		arts >25g are free from flame retardant substances/ preparations above 0.1% clas 6, R48, R50, R51, R53, R60, R61 and any combination of these (See Note B3)	sified as R45,						
P7.20		plastic parts' weight >25g, recycled material content is up to 28%.							
P7.21		plastic parts' weight >25g, biobased material content is %.							
P7.22		rces 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	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.

Model number *	MX812dxe, MX812dxfe, MX812dxme, XM7170x, MX812de, MX812dfe, MX812 MX812dtme	dme, XM7	170, MX812dte, MX812dtfe,
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Product	environmental	l attributes - Market re	quirements (con	tinued)	Require	ment	met
ltem					Yes	No	n.a
P9	Energy consu						
9.1	For the product	the following power levels	or energy consump	otions are reported	l:		
Energy m	ode *	Power level at <b>100</b> V AC	Power level at 115 V AC	Power level 230 V AC	at Reference / Standard for e modes and test method *	energy	
Copying		W	W	914 W	Corporate Standard		
Ready 1	Mode	W	W	58.7 W	Energy Star I E V2.0		
Ready 2	Mode	W	W	42.8 W	Energy Star I E V2.0		
Sleep Mo	ode	W	W	2.74 W	Energy Star I E V2.0		T
Hibernat	e Mode	W	W	0.63 W	IEC 62301		T
Off Mode	)	W	W	0.0 W	IEC 62301		Г
charger p outlet but	power supply / lugged in the wall disconnected fror		W	W			
the produ PTEC * Typical Er	nergy Consumptic	W on	W	W			
TEC * Typical Ei	nergy Consumptic	kWh/week	kWh/week	5.2 kWh/week	Energy Star I E V2.0		
Етес * Annual Er	nergy Consumptio	kWh/year	kWh/year	kWh/year			X
Display re	esolution* :	Megapixels					$\boxtimes$
Print Spee	ed * : 70 lm	ages per minute			ISO 24734 (US Letter)		
Default tir	me to enter energy	y save mode: <b>30</b> minutes			Energy Star I E V2.0		T
P9.2*		but the energy save functio	n is provided with th	ne product.			F
P9.3* <b>P10</b>		eets the energy requirement ® version: 2.0 Tier: Prod RAL-UZ 171					
		n – Declared according to	ISO 9296				
P10.1 Mode Mode description			Declared A-weighted sound power level L <sub>WAd</sub> (B)	Declared A-weighted sound pressure level L <sub>pAm</sub> (dB) Operator position Bystander pos			
					Desktop (only if product or Desk side operator atte	is not	I
	Idle	* Ready		* 4.6	30		
		* Simplex Monochrom Normal Mode	e Printing,	* 7.2	56		
	Other mode	Simplex Monochrom Quiet Mode	e Printing,	6.8	51		1
	Measured acco		ECMA-74 (only if not covered	by ECMA-74 with I	-pAm measurement distance m)		1
P10.2	The product me				ogram/s: RAL-UZ 122/RAL-		

Model nur	nber *	MX812dxe, MX812dxfe, MX812dxme, XM7170x, MX812de, MX812dfe, MX812dme, XM7170, MX MX812dtme	(812dte, l	MX812	dtfe,		
Issue date *		Rev. February 28, 2014 Logo	LEXM	١RK			
	environr	nental attributes - Market requirements (continued)	Require				
Item	Ohamia		Yes	No	n.a.		
P10.3*	Test per	al emissions from printing products formed according to ECMA-328 (ISO/IEC 28360) standard, other specify: RAL-UZ 122/RAL-UZ					
P10.4		emission rate (print phase) is (mg/h):					
P10.5	Dust <0.9       Ozone <0.06       Styrene <0.2       Benzene <0.04       TVOC 5.0         Chemical emission requirements of the following voluntary program/s       RAL-UZ 122/RAL-UZ 171 are met for:       Image: Comparison of the following voluntary program/s						
F 10.3		Dust $\boxtimes$ Ozone $\boxtimes$ Styrene $\boxtimes$ Benzene $\boxtimes$ TVOC $\boxtimes$					
		nagnetic emissions					
P10.6	•	er display meets the requirement for low frequency electromagnetic fields of the following voluntary					
D11	program						
P11 P11.1*		hable materials for printing products Data Sheet (SDS) is available for the ink/toner preparation, even if not legally required (see P4.3).					
P11.2*		ontaining post-consumer recycled fibers can be used, provided that it meets the requirements of		╞	╞		
	EN1228	1.					
P11.3*	2-sided	(duplex) printing/copying is an integrated product function.	$\boxtimes$				
P12		nics for computing products					
P12.1*		lay meets the ergonomic requirements of ISO 9241-307 for visual display technologies.			$\square$		
P12.2*		sical input device meets the requirements of ISO 9995 and ISO 9241-410.			$\square$		
P13 P13.1*		ng and documentation packaging material type(s): Wood weight (kg): 17.21					
	Product Product High De Polypro	packaging material type(s): Corrugated weight (kg): 11.21 packaging material type(s): Corrugated weight (kg): 0.528 nsity Polyethylene – 0.17 kg pylene – 0.04875 kg ingle resin plastic – 0.03 kg					
P13.2*	Product	plastic packaging is free from PVC.	$\square$				
P13.3*	Specify I	media for user and product documentation (tick box):			Π		
		ic 🔀, Paper 🔀, Other 🗌					
P13.4*	fiber: 0						
Rev. P13.5		d product documentation do not contain chlorine bleached paper					
P14		nal information (See Note B4)					
P1.1 P2.1	The batte	luct uses RoHS exemptions for lead used in small amounts for specific applications. ery contained within this product should be disposed of properly with the product. The product is properly lo symbol and instructions for such disposal is listed in the product User's Guide.	beled witl	h the W	/EEE		
P.2.3		ery contained within this product meets the exception listed. The battery is not intended to be removed by is is designed for easy removal by recyclers and service providers.	the custon	ier;			
P7.14		mount of bromine may be present in covers due to sourcing post consumer recycled content. No bromine w ocessing of these parts.	v <mark>as intenti</mark> o	onally a	ıdded		
P7.20	Per IEEE	1680.2 PCR calculation.					
P9.1		ion provided in P9.1 is for products with serial numbers starting with 746337. Print speed listed is Letter; A4 wing table provides energy data for products prior to serial numbers starting with 746337:	speed is 60	5 ppm.			

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 consumpti	on					
	following power levels	or energy consump	tions are reported:			
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 *		
Copying	929 W	891 W	914 W	Corporate Standard		
Ready 1 Mode	98.2 W	96.8 W	116.4 W	Energy Star I E V1.2		
Ready 2 Mode	61.8 W	60.5 W	65.0 W	Energy Star I E V1.2		
Sleep Mode	15.3 W	15.4 W	15.6 W	Energy Star I E V1.2		
Hibernate Mode	0.51 W	0.53 W	0.63 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	8.1 kWh/week	7.7 kWh/week	7.8 kWh/week	Energy Star I E V1.2		
ETEC * Annual Energy Consumption	kWh/year	kWh/year	kWh/year			
Display resolution* : Me	gapixels				$\boxtimes$	
Print Speed * : 70 Images	: 70 Images per minute			Corporate Standard	$\overline{\neg}$	
Default time to enter energy sav	e mode: 30 minutes			Energy Star I E V1.2	$\overline{\Box}$	
P9.2* Information about th	e energy save function	n is provided with the	e product.			
	he energy requiremen ersion: 1.2 Tier: 1 Pro . UZ 122				8	
The packaging data displayed in P13.1 is for the MX812de, MX812dfe, MX812dme and XM7170 models.         Packaging data for MX812dte, MX812dtfe, MX812dtme and XM7170x models:         Product packaging material type(s): Wood       weight (kg): 17.21         Product packaging material type(s): Corrugated       weight (kg): 16.18         Product packaging material type(s): Paperboard       weight (kg): 0.528         High Density Polyethylene – 0.17 kg       Polypropylene – 0.04875 kg         Other single resin plastic – 0.03 kg       Velocities						
Packaging data for MX812dxe, MX812dxfe, MX812dxme models:         Product packaging material type(s): Wood       weight (kg): 17.21         Product packaging material type(s): Corrugated       weight (kg): 21.09         Product packaging material type(s): Paperboard       weight (kg): 0.528         High Density Polyethylene – 0.17 kg       Polypropylene – 0.04875 kg         Other single resin plastic – 0.03 kg       Additional company information and company environmental policy may be found at <a href="http://lexmark.com/environmental">http://lexmark.com/environmental</a>						
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