

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)	LEXMARK
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 *	exmark MX310dn					
Model number *	MX310dn					
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	Requireme	ent 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 *	MX310dn		
Issue date *	Rev. February 24, 2014	Logo	LEXMARK

Product	Require	ment	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).	\bowtie		
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), 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)			\boxtimes
P1.8*	Wooden parts do not contain arsenic and chromium as a wood preservation treatment as well as			\square
	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/cm ² /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 accumulators do not contain more than 0.0005% of mercury or 0.002% of cadmium. (See legal reference)	\square		
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, medica 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).			
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).	3		
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).	\square		
P4.2*	If ink/toner is used in the product, it does not contain cadmium max 0.1% by weight (see legal reference).	\square		
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.	d 🔀		
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). Comment: Legal reference has no maximum concentration values.	al 🔀		

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

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Product	Product environmental attributes - Market requirements - Environmental conscious design Requirement									
Item		Yes	No	n.a.						
P6	*=mandatory to fill in. Additional information regarding each item may be found under P14. Yes No n.a Treatment information									
P6.1*	Information for recyclers/treatment facilities is available (see legal reference).									
P7	Design									
	Disasse	mbly, recycling								
P7.1*	Parts that have to be treated separately are easily separable									
P7.2*	Plastic m	naterials in covers/housing have no surface coating.		\square						
P7.3*	Plastic p	arts >100g consist of one material or of easily separable materials.								
P7.4*	Plastic p	arts >25g have material codes according to ISO 11469 referring ISO 1043.			Ħ	Ē				
P7.5		arts are free from metal inlays or have inlays that can be removed with commonly a	available tools.		H	H				
P7.6*		re easily separable. (This requirement does not apply to safety/regulatory labels).			╞	⊢⊢				
17.0	Product									
P7.7*		ig can be done e.g. with processor, memory, cards or drives								
P7.8*		ig can be done using commonly available tools			╞	⊢⊢				
P7.9.						╞				
P7.10		arts are available after end of production for: 5 years		_		<u> </u>				
P7.10		s available after end of production for: 5 years								
		and substance requirements								
P7.11*		cover/housing material type: type: APS Material type: Material type: HIPS Materia	the BC/ARS							
P7.12		type: ABS Material type: HIPS Materia I cable insulation materials of power cables are PVC free.	l type: PC/ABS		\square					
P7.12		I cable insulation materials of signal cables are PVC free				╞				
		/housing plastic parts >25g are free from chlorine and bromine.				<u> </u>				
P7.14			4040 0 04 /0	<u> </u>		<u> </u>				
P7.15	Note B2	ed circuit boards (without components) >25g are halogen free. as defined in IEC6	1249-2-21. (See	,	X					
P7.16	Flame re Marking:	tarded plastic parts >25g in covers / housings are marked according ISO 1043-4:		\boxtimes						
P7.17		I specifications of flame retardants in printed circuit boards >25g (without compone additive) , TBBPA (reactive) , Other; chemical name: , CAS #:	ents):							
_	ISO 104	I specifications of flame retardants in printed circuit boards (without components) > 3-4: <i>FR</i> (16)	25g according							
P7.18	concentr	etarded plastic parts >25g contain the following flame retardant substances ations above 0.1%: ent: No legal limits exist, this is a market requirement.	/preparations ir	ו 🗌						
	1. Chem 2. Chem 3. Chem Alt. 2	ical name: , CAS #: ical name: , CAS #: ical name: , CAS #:								
D7 10	FR(40),	Il specifications of flame retardants in plastic parts >25g according ISO 1043-4: FR(17), FR(16), FR(50)	ified on D45							
P7.19	R40, R4	arts >25g are free from flame retardant substances/ preparations above 0.1% class 6, R48, R50, R51, R53, R60, R61 and any combination of these (See Note B3)	silied as K45,							
P7.20		plastic parts' weight >25g, recycled material content is <i>up to 6</i> %.								
P7.21		plastic parts' weight >25g, biobased material content is %.								
P7.22		Irces are free from mercury	ma	\boxtimes		\Box				
P8	Batterie	y is used specify: Number of lamps: and max. mercury content per lamp:	mg							
P8.1*		hemical composition: Lithium Manganese Dioxide, LiMnO2								
P8.2	,	meet the requirements of the following voluntary program/s:				+				
10.2	Datteries									

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 *	MX310dn	1								
Issue date *										
Item	ct environmental attributes - Market requirements (continued) Requirement me Yes No n.a									n.a.
	y consumpti	ion						103		n.a.
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 V AC	Power level 230 V AC		rence / es and test	Standard method *	for	energy	
Printing		470 W	470 W	446 W	Cor	Corporate Standard				
Сору		454 W	536 W	485 W	Cor	oorate Star	ndard			
Ready Mode		7.9 W	7.9 W	8.6 W	Ene	rgy Star I E	E V2.0			
Sleep Mode		3.0 W	3.0 W	3.0 W	Ene	rgy Star I E	E V2.0			
Hibernate Mode		0.35 W	0.36 W	0.39 W	IEC	62301				
Off Mode		0.0 W	0.0 W	0.0 W	IEC	62301				
EPS No-load		W	W	W						
(External power su charger plugged in outlet but disconne the product.)	the wall									
PTEC * Typical Energy Co	nsumption	W	W	W						
TEC * Typical Energy Co	nsumption	1.8 kWh/week	1.7 kWh/week	1.8 kWh/week	Ene	rgy Star I E	E V2.0			
Етес * Annual Energy Co	ETEC * Annual Energy Consumption		kWh/year	kWh/ye	ar					
Display resolution*	: Me	egapixels								
Print Speed *	: 35 Image	s per minute			ISO	24734 (US	Letter)			
•		ve mode: 30 minutes				rgy Star I E				
		ne energy save functio	n is provided with th	e product.				\square		╘
		the energy requirement			n/s:					
ENER		version: 2.0 Tier: Prod						\boxtimes		
P10 Emiss										
		Declared according to	150 9296	Declared		Declared	Awaiahta	d		
P10.1 Mode	IV	lode description		A-weighted	sour	d pressure	A-weighte level L_{pA}		3)	
				sound power level L_{WAd} (B)	Operator p				ositions	-
				level L _{WAd} (D)	Ľ	esktop	(only if	produc	\boxtimes	
Idle	*	Ready	٩	* 3.3			15		chucu)	
Operat		Simplex Monochrom Iormal Mode	e Printing,	6.8			53			
Other		Simplex Monochrom Quiet Mode	e Printing,	6.3			49			
Measu	ired according	~ = _	ECMA-74 (only if not covered	by FCMA-74 wit	h l nam mea	surement	listance	m	1)	
P10.2 The pr UZ 17		the acoustic noise req								

Model nu	umber *	MX310dn					
Issue dat	te *	Rev. February 24, 2014 Logo	LE	XM	\RK		
	environ	mental attributes - Market requirements (continued)	R	equire			
Item				Yes	No	n.a	
D/0.0t		al emissions from printing products					
P10.3*	171	formed according to ECMA-328 (ISO/IEC 28360) standard, other specify: RAL-UZ-122/RA	AL-UZ				
P10.4		emission rate (print phase) is (mg/h):					
B / a B	<u>.</u>	Dust <0.7 Ozone <0.06 Styrene <0.12 Benzene <0.03 TVOC 3.1					
P10.5	Chemica	al emission requirements of the following voluntary program/s RAL-UZ-122/RAL-UZ 171 are m	iet for:	\boxtimes			
		Dust 🔀 Ozone 🛛 Styrene 🖾 Benzene 🖾 TVOC 🔀					
B 10.0		magnetic emissions					
P10.6	program		ntary				
P11	Consun	nable materials for printing products					
P11.1*		/ Data Sheet (SDS) is available for the ink/toner preparation, even if not legally required (see P					
P11.2*	EN1228		ents of				
P11.3*		(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.				\times	
P12.2*	The physical input device meets the requirements of ISO 9995 and ISO 9241-410.						
P13		ing and documentation					
P13.1*	Product	packaging material type(s): Corrugatedweight (kg): 2.806packaging material type(s): Polystyrene, expandedweight (kg): 0.387packaging material type(s): High Density Polyethyleneweight (kg): 0.062					
P13.2*		plastic packaging is free from PVC.		\boxtimes			
P13.3*		media for user and product documentation (tick box): ic ⊠, Paper ⊠, Other □					
P13.4*	For pape fiber: 0	er user and product documentation, please specify contained percentage of post-consumer rec	cycled				
Rev. P13.5		d product documentation do not contain chlorine bleached paper					
P14	Additio	nal information (See Note B4)					
P1.1		luct uses RoHS exemptions for lead used in small amounts for specific applications.					
P2.1	The batt	ery contained within this product should be disposed of properly with the product. The product is pro symbol and instructions for such disposal is listed in the product User's Guide.	perly labe	led witl	n the V	VEEE	
P2.3		ery contained within this product meets the exception listed. The battery is not intended to be remov , is designed for easy removal by recyclers and service providers.	ved by the	custom	ier;		
P7.14		amount of bromine may be present in covers due to sourcing post consumer recycled content. No bro ocessing of these parts.	mine was	intentic	onally	adde	
P7.20	Per IEEE	1680.2 PCR calculation.					
P9.1		ion provided in P9.1 is for products with firmware FW LW30.SB2.P307 or higher. Print speed listed is l wing table provides energy data for products with lower levels of firmware:	Letter; A4	speed i	s 33 pj	om.	

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	470 W	470 W	446 W	Corporate Standard		
Сору	454 W	536 W	485 W	Corporate Standard		
Ready Mode	9.8 W	9.8 W	10.1 W	Energy Star I E V1.2		
Sleep Mode	4.7 W	4.7 W	4.9 W	Energy Star I E V1.2		
Hibernate Mode	0.35 W	0.36 W	0.39 W	IEC 62301		
Off Mode	0.0 W	0.0 W	0.0 W	IEC 62301		
EPS No-load	W	W	w		\square	
(External power supply / charger plugged in the wall outlet but disconnected from the product.)						
PTEC * Typical Energy Consumption	W	W	W			
TEC * Typical Energy Consumption	2.1 kWh/week	2.0 kWh/week	2.1 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 * : 35 Images	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 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: <i>Imaging Equipment</i> Others specify: <i>RAL UZ</i> 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