

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
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 Color Laser Printer					
Commercial name *	Lexmark CS510de, Lexmark CS510dte, Lexmark C2132, Lexmark CS517de					
Model number *	CS510de, CS510dte, C2132, CS517de					
Issue date *	June 24, 2015 (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	Requireme	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).	l 🛛	

Model number *	CS510de, CS510dte, C2132, CS517de		
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Product	roduct environmental attributes - Legal requirements			Requirement 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	\boxtimes					
	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).	\boxtimes					
	Comment: Legal reference has no maximum concentration value.		_				
P1.3*	Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC),	\boxtimes					
	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	\boxtimes					
	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	\boxtimes					
	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),			\boxtimes			
	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			\boxtimes			
	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			\boxtimes			
	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	\boxtimes					
	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):	\boxtimes					
	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		П				
	more than 0.0005% of mercury (for button cells only) by weight, or more than 0.004% of lead, it shall be			ш			
	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	\boxtimes					
	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		_				
	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		$\overline{\Box}$	$\overline{\Box}$			
	reference).			ш			
P3.3*	If product is intended for connection to a public telecom network or contains a radio transmitter, it complies	; X					
	with legally required standards for radio and telecommunication devices (see legal reference).			ш			
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		$\overline{}$				
F4.1	legal reference and Note B1).	\boxtimes	Ш				
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	\boxtimes					
	product/packaging is adequately labeled and a Safety Data Sheet (SDS) in accordance with these						
25	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	d 🔀	Ш				
Dr. Ot	hexavalent chromium by weight of these together.						
P5.2*	Plastic packaging material is marked according to ISO 11469 referring ISO 1043 (see legal reference).			<u> </u>			
P5.3*	The product packaging material is free from ozone depleting substances as specified in the Montrea	al 🔀					
	Protocol (see legal reference).		_	_			
	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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Product	· · · · · · · · · · · · · · · · · · ·	Require	ment	met
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).	\boxtimes		
P7	Design			
D7.4*	Disassembly, recycling	<u> </u>		
P7.1*	Parts that have to be treated separately are easily separable		<u>Ц</u>	<u>Ц</u>
P7.2*	Plastic materials in covers/housing have no surface coating.	\boxtimes		
P7.3*	Plastic parts >100g consist of one material or of easily separable materials.	\boxtimes		
P7.4*	Plastic parts >25g have material codes according to ISO 11469 referring ISO 1043.	\boxtimes		
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.	\boxtimes		
P7.6*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).	\boxtimes		
	Product lifetime			
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives	\boxtimes		
P7.8*	Upgrading can be done using commonly available tools		$\overline{\Box}$	
P7.9.	Spare parts are available after end of production for: 5 years			Ħ
P7.10	Service is available after end of production for: 5 years			Ħ
	Material and substance requirements			
P7.11*	Product cover/housing material type:			
	Material type: ABS Material type: HIPS Material type: PC/ABS			
P7.12	Electrical cable insulation materials of power cables are PVC free.		\boxtimes	
P7.13	Electrical cable insulation materials of signal cables are PVC free			$\overline{\Box}$
P7.14	All cover/housing plastic parts >25g are free from chlorine and bromine.	一一		Ħ
P7.15	All printed circuit boards (without components) >25g are halogen free. as defined in IEC61249-2-21. (See	,		H
	Note B2)			ш
P7.16	Flame retarded plastic parts >25g in covers / housings are marked according ISO 1043-4:	\boxtimes	П	
	Marking:			
P7.17	Alt. 1		_	
	Chemical specifications of flame retardants in printed circuit boards >25g (without components):			
	TBBPA (additive) , TBBPA (reactive) , Other; chemical name: , CAS #:			
	Alt. 2			
	Chemical specifications of flame retardants in printed circuit boards (without components) >25g according			
	ISO 1043-4: <i>FR(16)</i>			
P7.18	Alt. 1			
	Flame retarded plastic parts >25g contain the following flame retardant substances/preparations in			
	concentrations above 0.1%:			
	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:			
	FR(40), FR(17), FR(16), FR(50)		\perp	_ <u></u> _
P7.19	Plastic parts >25g are free from flame retardant substances/ preparations above 0.1% classified as R45, R40, R46, R48, R50, R51, R53, R60, R61 and any combination of these (See Note B3)		Ш	
D7 00				
P7.20 P7.21	Of total plastic parts' weight >25g, recycled material content is <i>up to 11</i> %. Of total plastic parts' weight >25g, biobased material content is %.			
P7.21	Of total plastic parts' weight >25g, biobased material content is %. Light sources are free from mercury			
11.22	If mercury is used specify: Number of lamps: and max. mercury content per lamp: mg		Ш	Ш
P8	Batteries			
P8.1*	Battery chemical composition: Lithium Manganese Dioxide, LiMnO2			
P8.2	Batteries meet the requirements of the following voluntary program/s:			Ħ

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	Product environmental attributes - Market requirements (continued) Requirement met								
Item							Yes	No	n.a.
P9	Energy consump								
9.1	For the product the	e following power levels	or energy consum	ptions are repor	ted:				
Energy mo	ode *	Power level at 100 V AC	Power level at 115 V AC	Power level 230 V AC	at	Reference / Standard modes and test method *	for ene	ergy	
Printing		523 W	533 W	499 W		Corporate Standard			
Ready Mo	ode	27.7 W	27.9 W	26.7 W		Energy Star I E V2.0			
Sleep Mod	de	2.5 W	2.5 W	2.5 W		Energy Star I E V2.0			
Hibernate	Mode	0.34 W	0.36 W	0.37 W		IEC 62301			
Off Mode		0.0 W	0.0 W	0.0 W		IEC 62301			
		W	W	W					
EPS No-lo	ad	W	W	W					\boxtimes
charger plu outlet but of the produc	oower supply / ugged in the wall disconnected from tt.)								
PTEC * Typical En	ergy Consumption	W	W	W					
TEC * Typical En	ergy Consumption	2.5 kWh/week	2.4 kWh/week	2.4 kWh/week		Energy Star I E V2.0			
ETEC * Annual En	ergy Consumption	kWh/year	kWh/year	kWh/ye	ear				
Display res	solution* : M	egapixels	•	•					\boxtimes
Print Spee	d * : 32 Image	es per minute				ISO 24734 (US Letter)			
Default tim	ne to enter energy sa	ave mode: 30 minutes			Energy Star I E V2.0				
P9.2*	Information about	the energy save function	n is provided with t	he product.					
P9.3*	The product meets	s the energy requiremen	nts of the following	voluntary prograi	m/s:				
		version: 2.0 Tier: Prod					\boxtimes		
P10	Emissions								
		 Declared according to 	ISO 9296						
P10.1	Mode	Mode description		Declared		Declared A-weighte			
				A-weighted sound power		sound pressure level $L_{p{\rm A}}$	_{(m} (dB)		
				level L_{WAd} (B)	Ope	rator position Bystar	nder positi		
				WAU ()		Desktop			
							product is ator attend		
	Idle	* Ready		* 3.2		16		,	
	Operation	* Duplex Mono Printin	g, Normal Mode	* 6.6		51	-		Ħ
	Other mode	Duplex Mono Printin	_	6.2	1	47]
	Measured according	· _	ECMA-74	Lby ECMA-74 wii	th I	m measurement distance	m)		
P10.2	The product meets					am/s: RAL-UZ 122/RAL-UZ			
	171		Jan 511101110 01 1110 10		p. ogi			ш	

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Product	environmental attributes - Market requirements (continued)	Require	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):			
P10.5	Dust <1.8 (BQL) Ozone <0.3 (BQL) Styrene 0.55 Benzene <0.05 (BQL) TVOC 18 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).		$\overline{}$	$\overline{}$
			屵	井
P11.2*	Paper containing post-consumer recycled fibers can be used, provided that it meets the requirements of EN12281.		<u> </u>	<u>Ц</u>
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): 2.542 Product packaging material type(s): Polystyrene, expanded weight (kg): 0.204 Product packaging material type(s): High Density Polyethylene weight (kg): 0.277 Low Density Polyethylene, expanded – 0.204 kg			
P13.2*	Product plastic packaging is free from PVC.	\boxtimes		
P13.3*	Specify media for user and product documentation (tick box): Electronic , Paper , Other			
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			
P14	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 disposal symbol and instructions for such disposal is listed in the product User's Guide.	eled with	the W	EEE
P2.3	The battery contained within this product meets the exception listed. The battery is not intended to be removed by the however, is designed for easy removal by recyclers and service providers.	e custom	ier;	
P7.14	A small amount of bromine may be present in covers due to sourcing post consumer recycled content. No bromine we in the processing of these parts.	s intentio	nally a	ıdded
P7.20	Per IEEE 1680.2 PCR calculation.			
P9.1	Information provided in P9.1 is for products with firmware FW LW30.VY4.P300 or higher. Print speed listed is Letter; A The following table provides energy data for products with lower levels of firmware:	4 speed i	s 30 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.

	P9 9.1	Energy consumpti	on following power levels	or operation	tions are reported:				
						Defended for some			
	Energy m	ode "	100 V AC	Power level at 115 V AC	230 V AC	Reference / Standard for energy modes and test method *			
	Printing		523 W	533 W	499 W	Corporate Standard			
	Ready N		29.8 W	26.9 W	27.6 W	Energy Star I E V1.2			
	Sleep Mo	ode	5.4 W	5.4 W	5.5 W	Energy Star I E V1.2			
	Hibernate	e Mode	0.34 W	0.36 W	0.37 W	IEC 62301			
	Off Mode	•	0.0 W	0.0 W	0.0 W	IEC 62301			
			W	W	W				
	charger p outlet but the produ	power supply / lugged in the wall disconnected from	W	W	W				
	PTEC * Typical E	nergy Consumption	W	W	W				
	TEC * Typical E	nergy Consumption	2.8 kWh/week	2.7 kWh/week	2.7 kWh/week	Energy Star I E V1.2			
	ETEC * Annual E	nergy Consumption	kWh/year	kWh/year	kWh/year				
	Display re	Display resolution*: Megapixels							
	Print Spe	ed * : 32 Images	s per minute			Corporate Standard			
	Default tir	me to enter energy sav	ve mode: 30 minutes			Energy Star I E V1.2			
	P9.2*	Information about the	ne energy save functio	n is provided with the	e product.				
	P9.3*		the energy requirement rersion: 1.2 Tier: 1 Pro L UZ 122			X D			
P10.4	Note: T	he data reporte	d in P10.4 is for	the color print	test.				
						(h (BOL): Benzene - <0.05 ma/	'h (BQL); Dust -<1.8 mg/h (BQL) ; and		
		10 mg/h	020110 1010 111	9/ (5 4 2 /) 5 c y	rene solo mg/	ii (BQ2), Belizelle (0103 iiig)	11 (5Q2)) 5ust 110 mg/ 11 (5Q2)) unu		
		elow Quantifial	do Limit						
	DQL - D	elow Quantijiat	ne Liiiit						
P13.1	_		displayed in 13	.1					
	_	ing for CS510dte							
			erial type(s): Co	_	weight (kg): 2.				
			erial type(s): Po			ght (kg): 0.304			
		Product packaging material type(s): High Density Polyethylene weight (kg): 0.277							
	Low De	nsity Polyethyle	ne, expanded –	0.204 kg					
	Polypro	pylene - 0.065							
	Addition	nal company int	ormation and co	mnany onviro	nmontal nolicu	may be found at http://lexm	ark com/onvironment		
						nay be found at http://lexma	гк.сот/ гесусіе		
	lexmar	k Sweden is con	nected to RFPA	and Fl-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