

## Annex B1 - Product environmental attributes Imaging equipment

The declaration may be published only when all rows and/or fields marked with \* are filled-in (n.a. for not applicable). Additional information regarding each item may be found under P15.

Brand *	Lexmark	Logo
Company name *	Lexmark International Inc.	]
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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 Color Laser Device
Commercial name *	Lexmark [MC3224dwe, MC3224adwe, MC3224i]
Model number *	MC3224dwe, MC3224adwe, MC3224i
Issue date *	10 July 2020 – Updated 30 September 2021
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.

About Annex B1

Annex B1 reflects Product environmental attributes relevant for Imaging products. The following items from the ECMA-370 Main body are not shown in the template:

P9.1 PTEC, ETEC and display resolution P12.1-P12.2 Ergonomic requirements.

5				
Mod	el number *	MC3224dwe, MC3224adwe, MC3224i	Logo	
Issu	e date *	10 July 2020 – Updated 30 September 2021		Lexmark

Produc	t environmental attributes - Legal requirements	Require	emen	t met
Item		Yes	No	n.a.
P1	Hazardous substances and preparations			
P1.1*	Products do comply with the current European RoHS Directive. (See legal reference and NOTE B1)	$\boxtimes$		
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),	$\square$		
	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	$\bowtie$		
1 1.4	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	$\boxtimes$		
	chain containing at least 48% per mass of chlorine in the SCCP (see legal reference).			
P1.6*	Parts with direct and prolonged skin contact do not release nickel in concentrations above 0,5 µg/cm²/week	$\boxtimes$		
	(see legal reference).			
D 4 7	Comment: Max limit in legal reference when tested according to EN1811:2011-5.			
P1.7*	REACH Article 33 information about substances in articles is available at (add URL or mail contact): REACH Program Manager (Sustainability@lexmark.com); Corporate Sustainability Department, 740 West New Circle Rd., Lexington,	$\boxtimes$		
	KY 40550			
P2	Batteries			
P2.1*	If the product contains a battery or an accumulator, the battery/accumulator is labeled with the disposal	$\boxtimes$		
	symbol. Information on proper disposal is provided in user manual. (See legal reference)			
P2.2*	Batteries or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadmium. (See legal reference)	$\boxtimes$		
P2.3*	Batteries and accumulators are readily removable. (See legal reference)	$\boxtimes$		
P3	Conformity verification & Eco design (ErP)			
P3.1*	The product is CE-marked to show conformance with applicable legal requirements (see legal reference).	$\square$		
1 0.1	The Declaration of Conformity can be requested at (add link or e-mail address): http://www.lexmark.com/en_us/about/regulatory-compliance/european-union-declaration-of-conformity.html			
P3.2*	The product complies with the applicable Eco design Requirements for Energy-Related Products,	$\boxtimes$		
	(see legal reference).		_	_
	Required information is; given in item P15 or added to this document,	$\bowtie$		
	available at (add URL): <u>https://csr.lexmark.com/product-certifications.php</u>			
P4	Consumable materials			
P4.1*	If a photo conductor (drum, belt etc.) is used in the product, it does not contain cadmium at a level greater	$\boxtimes$		
D ( at	than 0,01% (see legal reference and NOTE B1).			
P4.2*	If ink/toner is used in the product, it does not contain cadmium at a level greater than 0,1% by weight (see legal reference)	$\boxtimes$		
P4.3*	If the ink/toner formulation/preparation is classified as hazardous or contains a substance for which there	$\bowtie$		
1 4.0	are Community workplace exposure limits, the product/packaging is adequately labeled according to			
	applicable regulations 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	$\boxtimes$		
P5.2*	hexavalent chromium by weight of these together. The packaging materials are marked with abbreviations and numbers indicating the nature of the material(s)	N7		
F0.2	used (see legal reference).	$\boxtimes$		
P5.3*	The product packaging material is free from ozone depleting substances as specified in the Montreal	$\bowtie$		
	Protocol (see legal reference).			
	Comment: Legal reference has no maximum concentration values.			
P6	Treatment information			
P6.1*	Information for recyclers/treatment facilities is available (see legal reference).	$\boxtimes$		

NOTE B1 Restriction applies to the homogeneous material, unless other specified and expressed in weight %. Stating "Yes" means that the product is compliant with the mandatory requirements.

Model number *	MC3224dwe, MC3224adwe, MC3224i	Logo	
Issue date *	10 July 2020 – Updated 30 September 2021		Lexmark

-	Environmental conscious design			nt met
Item	*=mandatory to fill in. Additional information regarding each item may be found under P14.	Yes	No	n.a.
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.		<u> </u>	
P7.3*	Plastic parts > 100 g consist of one material or of easily separable materials.		<u> </u>	
P7.4*	Plastic parts > 25 g have material codes according to ISO 11469 referring ISO 1043-4.			
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.	$\square$		
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	$\square$		
P7.8*	Upgrading can be done using commonly available tools	$\square$		
P7.9	Spare parts are available after end of production for: 5 years			
P7.10	Service is available after end of production for: 5 years			
	Material and substance requirements			
P7.11*	Product cover/housing material type (e.g. plastics, metal, aluminum):			
	Material type: ABS Material type: PC+ABS Material type: HIPS			
P7.12	Insulation materials of external electrical cables are PVC free.		$\boxtimes$	
P7.13	Insulation materials of internal electrical cables are PVC free.		$\square$	
P7.14	External plastic casing/cover parts > 25 g contain no more than 0,1% weight (1000 ppm) bromine and 0,1% weight (1000 ppm) chlorine attributable to brominated flame retardants, chlorinated flame retardants, and polyvinyl chloride or 0,3% weight (3000 ppm) bromine and 0,3% weight (3000 ppm) chlorine in parts containing more than 25% post-consumer recycled content.			
P7.15	Printed circuit boards, PCBs (without components) are low halogen: all PCBs > 25 g are low halogen as defined in IEC 61249-2-21. (See NOTE B2)			
P7.16	Flame retarded plastic parts > 25 g in covers / housings are marked according ISO 1043-4: Marking: <i>FR40</i>	$\boxtimes$		
P7.17	Alt. 1: Chemical specifications of flame retardants in printed circuit boards > 25 g (without components):			
	TBBPA (additive) 🔲, TBBPA (reactive) 🗌 (See NOTE B3), Other; chemical name: , CAS #:			
	<u>Alt. 2:</u> Chemical specifications of flame retardants in printed circuit boards (without components) > 25 g according ISO 1043-4: FR16	$\boxtimes$		
P7.18	Alt. 1: Flame retarded plastic parts > 25 g contain the following flame retardant substances/preparations in concentrations above 0,1%: 1. Chemical name: , CAS #: (See NOTE B4)			
	2. Chemical name: , CAS #: "   3. Chemical name: , CAS #: "   Alt. 2: Chemical specifications of flame retardants in plastic parts > 25 g according ISO 1043-4: []]			
P7.19	FR16, FR17, FR30+40   In plastic parts > 25 g, flame retardant substances/preparations above 0,1% are used which have been assigned the following Risk phrases; and Hazard statements:   The source(s) for these classifications is/are found at (add URL(s)): , (See NOTE B5)			

NOTE B3 and B4 A Guidance document on Chemical substances is available;

NOTE B5 If a certain substance has been assigned a certain risk phrases / hazard statement in the referenced source, this does not necessarily mean the substance has been tested for all of the hazards referred to by a certain customer.

GENERAL NOTE Standard references should direct to the latest version of a standard. If an older version of a standard is used, section P15 shall be used for explanation.

NOTE B2 IEC 61249-2-21 defines maximum limits of 900 ppm for each of the substances chlorine and bromine and a maximum limit of 1500ppm of these substances combined. The standard does not address fluorine, iodine and astatine which are included in the group of halogens.

see http://www.ecma-internationl.org/publications/standards/Ecma-370.htm.

Model number *	MC3224dwe, MC3224adwe, MC3224i	Logo	
Issue date *	10 July 2020 – Updated 30 September 2021		Lexmark

	environmental attr	ibutes - Market r	equirements (conti	nued)	R	equirer		
Item						Yes	No	n.a.
DZ 001	Material and substa		· · ·					
P7.20*	Postconsumer recyc	led plastic material o	content is used in the p	roduct (See NOTE B6)	:	$\square$		
	a) Of total plastic			ered; /cled plastic material co	ontent (calculated as a			
	b) The weight of re	ecycled material is	g.					
P7.21*	Biobased plastic ma	terial content is used	I in the product (See N	OTE B7):			$\square$	
		parts' weight > 25 g	s below shall be answe , the biobased plastic r		ated as a percentage of			
	, ,	ne biobased plastic r	<b>v</b>					
P7.22*	Light sources are fre If mercury is used sp		less than 0,1 mg/lamp. nps: and maxim	um mercury content pe	er lamp: mg			Ш
P8	Batteries							
P8.1*	Battery chemical cor	nposition: <i>Lithium N</i>	langanese Dioxide (L	iMnO2)				
P9	Energy consumption	on (See NOTE B8)						
P9.1	For the product the f	ollowing power level	s or energy consumption	ons are reported:				
Energy mo	ode *	Power level at 100 V AC	Power level at 115 V AC	Power level at 230 V AC	Reference/Standard modes and test metho		ergy	
	de for ENERGY perational Mode lucts	W	W	W				
ENERÓY	ff mode for STAR Operational 1) products	W	W	W				
TEC value TEC produ	of or ENERGY STAR ucts (TEC= Typical ponsumption)	kWh/week	0.315 kWh/week	0.336 kWh/week	Energy Star V3.0			
Printing		W	372.2 W	364.3 W	Corporate Standard			
Ready Mo	ode	W	15.20 W	16.60 W	Energy Star V3.0			
Сору		W	378.7W	373.5 W	Corporate Standard			
ADF Scar	ו	W	21.0 W	<b>18.6</b> W	Corporate Standard			
Sleep		W	1.044 W	1.141 W	Energy Star V3.0			
Off		W	0.057W	0.094 W	IEC 62301			
External P	ower Supply Efficiency	y Level (Internationa	Efficiency Marking Pro	otocol) * :				$\boxtimes$
Print/Scan	n Speed * : 2	24 images per minut	e		ISO 24734			
Default time to enter energy save mode: 15 minutes Energy Star V3.0								
P9.2*	Information about the	e energy save functi	on is provided with the	product.	1	$\boxtimes$		

NOTE B6 Applies to a product containing plastic parts whose combined weight exceeds 100 g with the exception of printed circuit boards, cables, connectors and electronic components and bio-based plastic material.

NOTE B7 The following is to be excluded from the calculation of percentage: printed circuit boards, labels, cables, connectors and electronic components and postconsumer recycled plastic.

NOTE B8 A Guidance document on Energy efficiency is available;

see http://www.ecma-international.org/publications/standards/Ecma-370.htm.

Model number *	MC3224dwe, MC3224adwe, MC3224i	Logo	
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Product	environmental	attributes	- Market requirements (co	ontinued)		Require	ement	met
Item						Yes	No	n.a.
P10	Emissions							
D40.4			according to ISO 9296 (See N		l'action de la complete de la comple			
P10.1	Mode	Mode desc	ription	Statistical upper $L_{WA,c}$ (B)	limit A-weighted sound power	r level,		
	Idle	* Idle / Rea	ady	3.1				
	Operation	* Duplex N	Ionochrome Printing	6.4				
	Other mode	Simple N	Ionochrome Printing	6.4				
	Measured accord	ding to: 🔀 I	SO 7779 🔀 ECMA-74	<u>.</u>				
		-	Other	(only if not covere	d by ECMA-74)			
			printing products (See NOTE		· · · · · · · · · · · · · · · · · · ·			
P10.2*			ECMA-328 Determination of C		Rates from Electronic	$\square$		
			, other specify: <b>RAL-UZ 20</b>	5				
P10.3	Typical emission	n rate (operat	ion phase) is (mg/h):					
	Electrophotograp	phic devices:	Ozone <1.33 (LOQ) Dust 0.2	28 Styrene <i>0.155</i> B	enzene <0.012 (LOQ) TVOC			
	Ink devices:		Dust	Styrene E	Benzene TVOC			
			mum emission rates in eco la	pels to be declared	l in P14.			
P11			printing products	an an at i an an an a tha	at la solly, so suited (as a D4 2)			
P11.1*			s available for the ink/toner pre				<u> </u>	<u> </u>
P11.2*	EN 12281.		mer recycled fibers can be use	•	meets the requirements of			
P11.3*			ving is an integrated product for					
P11.4*	The product is d	elivered to e	nd-user with default auto-duple	ex enabled.		$\square$		
P13	Packaging and		tion					
P13.1*	Product packagi Product packagi Product packagi Product packagi Product packagi Product packagi Product packagi	ng material t ng material t ng material t ng material t ng material t	ype(s):Expanded PEype(s):Corrugatedype(s):HDPE rigidype(s):Polyester filmype(s):Mixed materials	led film weight weight (kg): 0.49 weight (kg): 2.22 weight (kg): 0.03 weight (kg): 0.00 weight (kg): 0.00 weight (kg): 0.02	20 39 15 073			
P13.2*	Product plastic p	orimary packa	aging is free from PVC.			$\square$		
P13.3*			ed fiberboard packaging, spec ntent: <b>Recycled content</b> > 2		ercentage of minimum post-			
P13.4*		or user and p	roduct documentation (tick bo					
P13.5	(Please only con	nplete this ite t documenta	em if paper documentation use tion on paper media is chlorin			$\boxtimes$		
	Totally chlorine-f	free						
	Elemental chlori					Ë		
	Processed chlor					H		
P14	Voluntary prog							
P14.1			ements of the following volunt	ary program(s):				
	ENERGY STAR Eco-label: <i>Blue</i>	-	Criteria version: <b>3.0</b> Criteria version: <b>RAL UZ-20</b>	Date: Oct. 2019 5 Date: Jan. 201	<b>3</b> , <b>3</b>			
	Eco-label:		Criteria version:	Date:	Product category:			

NOTE B9 A Guidance document on Acoustic Noise is available;

see http://www.ecma-international.org/publications/standards/Ecma-370.htm.

NOTE B10 A Guidance document on Chemical Emissions is available;

see http://www.ecma-international.org/publications/standards/Ecma-370.htm.

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Issue date *	10 July 2020 – Updated 30 September 2021		Lexmark

Produc	t environmental attributes - Market requirements (concluded) Requirement met
P15	Additional information (See NOTE B11)
P2.1	The battery contained within this product should be disposed of properly with the product. The product is properly labeled with the WEEE disposal symbol and instructions for such disposal is listed in the product User's Guide
P2.3	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
P5.2	The packaging materials are marked with abbreviations and numbers indicating the nature of the material(s) used when they are >25g
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

NOTE B11 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.

## Legal references Europe Annex B1

Reference	Declaration item
Directive 2011/65/EU (RoHS Directive) * * Specific exemptions apply for certain products and applications.	P1.1, P3.1, P4.1
Commission Regulation (EC) 1907/2006 (REACH Regulation), annex XVII	P1.2, P1.4, P1.6, P1.7, P4.2
Commission Regulation (EC) 1907/2006 (REACH Regulation), annex VII	P1.10
Commission Regulation (EC) 1907/2006 (REACH Regulation), Article 31, annex II)	P4.3
Commission Regulation (EC) No. 2037/2000, 2038/2000, 2039/2000, (Marketing and use of Ozone layer depleting substances)	P1.3, P5.3
Norwegian regulation relating to restrictions on the use of certain dangerous chemicals 20.12.2002	P1.5
Directive 2006/66/EC (Battery and accumulators Directive), as amended.* * These provisions shall not apply where, for safety, performance, medical or data integrity reasons, continuity of power supply is necessary and requires a permanent connection between the appliance and the battery or accumulator.	P2.1, P2.2, P2.3, P8.1
Directive 2014/35/EU (Low Voltage Directive)	P3.1
Directive 2014/30/EU (EMC Directive)	P3.1
Directive 2014/53/EU (RE Directive)	P3.1
Commission Regulation (EC) No 1275/2008 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for standby and off mode electric power consumption of electrical and electronic household and office equipment (Standby Regulation)	P3.1, P3.2, P9.1
Commission Regulation (EC) 801/2013 amending Regulation (EC) No 1275/2008 with regard to ecodesign requirements for standby, off mode electric power consumption of electrical and electronic household and office equipment, and amending Regulation (EC) No 642/2009 with regard to ecodesign requirements for televisions	
Commission Regulation (EC) No 278/2009 of 6 April 2009 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for no-load condition electric power demand and average active efficiency of external power supplies	P3.1, P3.2, P9.1
Commission Regulation (EC) 1272/2008 (CLP Regulation)	P4.3, P7.19
Directive 2004/12/EC (Packaging Directive)	P5.1
Decision 97/129/EC (Secondary packaging legislation)	P5.2

Directive 2012/19/EU (WEEE directive)	P6.1
Implementing Regulation (EU) 2019/290 establishing the format for registration and reporting of producers of electrical and electronic equipment to the register.	
Commission Implementing Regulation 2017/699 establishing a common methodology for the calculation of the weight of electrical and electronic equipment (EEE) placed on the national market in each Member State and a common methodology for the calculation of the quantity of waste electrical and electronic equipment (WEEE) generated by weight in each Member State.	