

## 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 *	Sharp	Logo
Company name *	Sharp Electronics Europe Ltd	CLIADO
Contact information *	environment@sharp.eu	SHARP
e-mail address		
Internet site *	www.sharp.eu	
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 MFP Commercial name MX-3551 (from Serial No. 05105194) Model number ' MX-3551 (from Serial No. 05105194) Issue date 13th, November 2019(Updated 3rd, June 2021) Intended market \* Global 🔀 Europe 🗌 Asia, Pacific & Japan 🛽 Other Americas

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## About Annex B1

Additional information

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.

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Model number *	MX-3551	Logo	
Issue date *	13th, November 2019(Updated 3rd, June 2021)		SHARP

Product	environmental attributes - Legal requirements	Require	ement	met
Item		Yes		n.a.
P1	Hazardous substances and preparations			
P1.1*	Products do comply with the current European RoHS Directive. (See legal reference and NOTE B1)	$\square$		
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), 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).	$\square$		
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*	Parts with direct and prolonged skin contact do not release nickel in concentrations above 0,5 µg/cm <sup>2</sup> /week (see legal reference). 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): www.sharp.eu	$\boxtimes$		
P2	Batteries			
P2.1*	If the product contains a battery or an accumulator, the battery/accumulator is labeled with the disposal symbol. Information on proper disposal is provided in user manual. (See legal reference)			$\boxtimes$
P2.2*	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 readily removable. (See legal reference)			$\times$
P2.4*	Documentation includes the number of cycles the (secondary) battery can withstand. (See legal reference)	<u> </u>	Ē	$\overline{\mathbf{X}}$
P2.5*	When internal batteries of a notebook computer cannot be "accessed and replaced by a nonprofessional user", the related text is present and legible on the external packaging (see legal reference)			
P3	Conformity verification & Eco design (ErP)			
P3.1*	The product is CE-marked to show conformance with applicable legal requirements (see legal reference). The Declaration of Conformity can be requested at (add link or e-mail address):			$\boxtimes$
P3.2*	The product complies with the Eco design Requirements for Energy-Related Products, (see legal reference).			$\boxtimes$
	Required information is; given in item P15 or added to this document,			$\square$
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 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)			
P4.3*	If the ink/toner formulation/preparation is classified as hazardous or contains a substance for which there 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). NOTE: The toner is not classified as hazardous.			
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.			
P5.2*	The packaging materials are marked with abbreviations and numbers indicating the nature of the material(s used (see legal reference).			
P5.3*	The product packaging material is free from ozone depleting substances as specified in the Montreal 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).	$\square$		
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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.

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	Environmental conscious design     mandatase to fill in Additional information regarding each item may be found under D14		No n.a	
tem <b>?7</b>	*=mandatory to fill in. Additional information regarding each item may be found under P14. Design	res	NO n.	<i>.</i>
•	Disassembly, recycling			
P7.1*	Parts that have to be treated separately are easily separable	$\square$		
7.2*	Plastic materials in covers/housing have no surface coating.			
7.3*	Plastic parts > 100 g consist of one material or of easily separable materials.			
7.4*	Plastic parts > 25 g have material codes according to ISO 11469 referring ISO 1043-4.			
7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.		Π	
7.6*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).		Ē	
	Product lifetime			
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives	$\square$		
7.8*	Upgrading can be done using commonly available tools			
7.9.	Spare parts are available after end of production for: 7 years			
7.10	Service is available after end of production for: 7 years			
	Material and substance requirements			
P7.11*	Product cover/housing material type (e.g. plastics, metal, aluminum):			
	Material type: PC Material type: PC+ABS Material type: PET			
97.12	Insulation materials of external electrical cables are PVC free.			
97.13	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: (FR40)	$\square$		
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:			
97.18	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 #: " <u>Alt. 2:</u> Chemical specifications of flame retardants in plastic parts > 25 g according ISO 1043-4:	$\boxtimes$		
P7.19	>FR(17)< or >FR(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 second statements: Case NOTE PC			
P7.20*	The source(s) for these classifications is/are found at (add URL(s)):       , (See NOTE B5)         Postconsumer recycled plastic material content is used in the product (See NOTE B6):			
	<ul> <li>If YES; at least one of the two alternatives below shall be answered;</li> <li>a) Of total plastic parts' weight &gt; 25 g, the postconsumer recycled plastic material content (calculated as a percentage of total plastic by weight) is <i>0~1.0</i>%.</li> </ul>	_	—	
	or b) The weight of recycled material is g.			

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.

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

 $see \ \underline{http://www.ecma-internationl.org/publications/standards/Ecma-370.htm}.$ 

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.

Model number *	MX-3551	1					Logo				
Issue date *	13th, No	ovember 2019(Update	d 3rd, Ji	une 2021)				Sł		R	P
Product environ	mental att	ributes - Market re	quirem	ents (contin	ued)			R	equire	ment	met
Item									Yes	No	n.a.
		tance requirements (o							_	_	
If YES; a) Of tot or	at least one total plastic al plastic by	aterial content is used i of the two alternatives parts' weight > 25 g, t weight) is %. the biobased plastic ma	below s the bioba	hall be answer ased plastic ma	ed;	nt (calculated	d as a perce	entage of			
		ee from mercury, i.e. le pecify: Number of lamp		0,1 mg/lamp. and maximu	m mercury co	ontent per la	mp:	mg	$\square$		
P7.23* If produ	ct includes a	an integral display, the	total me	rcury content in	n the integrat	ed display:	mg			$\boxtimes$	
P8 Batterie	es										
P8.1* Battery	chemical co	mposition: <i>LiMnO2</i>									
		ion (See NOTE B8)									
P9.1 For the	product the	following power levels	or energ	y consumption	ns are reporte	ed:					
Energy mode *		Power level at 100 V AC		ver level at 15 V AC	Power le <b>230</b> V		eference/S lodes and to			nergy	
Sleep mode for ENI STAR® Operationa (OM) products		W	١	N	W						
Standby/off mode for ENERGY STAR Op Mode (OM) product	erational	W	١	N	W						
TEC value for ENE	value for ENERGY STAR kWh/week kWh/week kWh/week 2.0 kWh/week <sup>*</sup> Energy Star (ver. 2.0) products (TEC= Typical XThe above TEC value meets TEC Requirement of										
Maximum power consumption		W	١	N	1840 W						
Operating mode		W	١	N	780 W						
Ready mode		W	١	N	<b>124</b> W						
Preheat mode		W	١	N	98 W						
Auto power shut-o	off mode	W	١	N	0.5 W						Ē
Plug-in off mode		W	١	N	0.1 W						
-	ply Efficiend	cy Level (International	Efficienc	v Marking Prot	ocol) * :						
•	.,	· · ·		,			- I	-			
Print/Scan Speed *		35 images per minute				U	olor/Mono	chrome			
		ve mode: 11 minutes									
		ne energy save function	n is prov	ided with the p	roduct.				$\square$		
P10 Emissio	ns (See NC	DTE B8) eclared according to IS	<u>SO 0206</u>								
P10.1 Mode	N	lode description		Declared A-weighted sou	und power	Declared / (dB)	A-weighted	sound pr	essure	level	
				level $L_{WAd}$ (B) (The statistical verification (Op 0.3B, Standby	adder for berating		osition esktop sk side	Bystan (only if p opera		is not	
	*	Standby		included.) * <b>2.8</b>				12			
Idle Operati		Operating		* 6.8				12 53			
Operati Other m		Speraally		0.0							
Measured according to: X ISO7779 ECMA-74 Other (only if not covered by ECMA-74 with L <sub>pAm</sub> measurement distance m)											
The pro	duct meets	the acoustic noise requ									

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.

## Annex B1 of ECMA-370 6<sup>th</sup> edition

Model number *	MX-3551	Logo	
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Product	luct environmental attributes - Market requirements (continued)						met
Item		- · · · ·	•		Yes	No	n.a.
	Chemical emissions from	printing products (See NOTE	B10)				
P10.2*	Test performed according to	ECMA-328 Determination of C	hemical Emission Rates fro	m Electronic	$\square$		
P10.3	Typical emission rate (opera	tion phase) is (mg/h): Color/M	onochrome				
	Electrophotographic devices	: Ozone 1.8/0.9 Dust 0.7/-	Styrene 0.1 / 0.1 Benzene	e 0.02/ <lod< td=""><td></td><td></td><td>_</td></lod<>			_
		TVOC 6.1/5.4					
			("< LOD" means less tha	in limit of detection.)			
	Ink devices: NOTE: compliance with max	Dust imum emission rates in eco lab	Styrene Benzene bels to be declared in P14.	TVOC			$\boxtimes$
P11	Consumable materials for						
P11.1*	A Safety Data Sheet (SDS) i	s available for the ink/toner pre	paration, even if not legally	required (see P4.3).	$\boxtimes$		
P11.2*	Paper containing post-consu EN 12281.	mer recycled fibers can be use	ed, provided that it meets the	e requirements of	$\boxtimes$		
P11.3*	2-sided (duplex) printing/cop	ying is an integrated product fu	inction.		$\square$		
P11.4*	The product is delivered to e	nd-user with default auto-duple	ex enabled.		$\boxtimes$		
P13	Packaging and documenta	tion					
P13.1*	Product packaging material t Product packaging material t Product packaging material t	type(s): <i>Plastic / EPS</i>	weight (kg): <b>5.23</b> weight (kg): <b>0.36</b> weight (kg): <b>7.50</b>				
P13.2*	Product plastic primary pack	aging is free from PVC.			$\boxtimes$		
P13.3*	consumer recovered fiber co			e of minimum post-			
P13.4*	Specify media for user and p Electronic X, Paper X, O	roduct documentation (tick box	k):				
P13.5	(Please only complete this it User and product documenta If Yes, please specify:	em if paper documentation use ation on paper media is chlorine	d) e-free:		$\boxtimes$		
	Totally chlorine-free						
	Elemental chlorine-free						
	Processed chlorine-free						
P14	Voluntary programs:						
P14.1		rements of the following volunta	ary program(s):				
	ENERGY STAR®	Criteria version:	Date:	Product category:			
	Eco-label: Blue Angel	Criteria version: DE-UZ205	Date: 7 November 2018		Office Equip Printing Fu		
	Eco-label: Nordic Ecolabel		Date: 10 December 2018	Product category:			
P15	Additional information (Se	e NOTE B11)					

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

NOTE B10 A Guidance document on Chemical Emissions is available;

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

•	1
Reference	Declaration item
Directive 2011/65/EU (RoHS Directive) * * Specific exemptions apply for certain products and applications.	P1.1, P4.1, P3.1
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, 5.3
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
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 (EU) No 617/2013 of 26 June 2013 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for computers and computer servers	
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.	