



Ecma/TC38-TG3/2015/025 (Rev. 1 – 15 April 2015)

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 *	Toshiba	Logo
Company name *	Toshiba TEC Corporation	TOSHIBA
Contact information * e-mail address	Name: Dierk Ulken e-mail: dierk.ulken@toshibatec-tgis.com	e-studio6516AC
Internet site *	www.toshibatec.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 *	e-STUDIO6516AC			
Model number *	FC-6516AC			
Issue date *	Rev. A; 2019-10-24			
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.

Model number *	e-STUDIO6516AC / FC-6516AC	Logo	
Issue date *	Rev. A; 2019-10-24		E-STUDIO 6516AC

Product	environmental attributes - Legal requirements	Requirement 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)					
P1.2*	Products do not contain Asbestos (see legal reference).					
	Comment: Legal reference has no maximum concentration value.					
P1.3*	Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), hydrobromofluorocarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbontetrachloride, 1,1,1-	\boxtimes				
	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 the	e 🔀				
P1.6*	chain containing at least 48% per mass of chlorine in the SCCP (see legal reference). Parts with direct and prolonged skin contact do not release nickel in concentrations above 0,5 µg/cm²/weel	. 🔽	$\overline{}$			
F1.0	(see legal reference).	(Ш			
	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):	\boxtimes				
	https://www.toshibatec.eu/about/sustainabilty/compliance/reach/					
P2	Batteries					
P2.1*	If the product contains a battery or an accumulator, the battery/accumulator is labeled with the disposal	\boxtimes				
D0.0*	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 lega reference)	I 🖂				
P2.3*	Batteries and accumulators are readily removable. (See legal reference)	\square				
P3	Conformity verification & Eco design (ErP)					
P3.1*	The product is CE-marked to show conformance with applicable legal requirements (see legal reference).					
1 0.1	The Declaration of Conformity can be requested at (add link or e-mail address):		ш			
P3.2*	The product complies with the Eco design requirements for energy-related products,	\square				
	(see legal reference).		_			
	Required information is; given in item P15 or added to this document,					
	available at (add URL):					
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	\boxtimes				
P4.2*	legal reference and NOTE B1). If ink/toner is used in the product, it does not contain cadmium max 0,1% by weight (see legal reference).	$\overline{\square}$	$\overline{}$			
P4.3*	If the ink/toner formulation/preparation is classified as hazardous or contains a substance for which there		╫			
F4.3	are Community workplace exposure limits, the product/packaging is adequately labeled according to		ш			
	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					
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)					
1 J.2	used (see legal reference).	s) 🔀	Ш			
P5.3*	The product packaging material is free from ozone depleting substances as specified in the Montre	al 🔀				
	Protocol (see legal reference).		_]		
Do	Comment: Legal reference has no maximum concentration values.					
P6 1*	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 *	e-STUDIO6516AC / FC-6516AC	Logo	
Issue date *	e date * Rev. A; 2019-10-24		E-STUDIO 6516AC

Product	Product environmental attributes - Market requirements (See General NOTE GN below)					
	Environmental conscious design Requirement met					
Item	*=mandatory to fill in. Additional information regarding each item may be found under P14.	Yes	No r	n.a.		
P7	Design Discount live and the second live and t					
P7.1*	Disassembly, recycling Parts that have to be treated separately are easily separable					
P7.2*	Plastic materials in covers/housing have no surface coating.	\square	+			
P7.3*	Plastic parts > 100 g consist of one material or of easily separable materials.		 	\dashv		
	<u> </u>		 -	\square		
P7.4*	Plastic parts > 25 g have material codes according to ISO 11469 referring ISO 1043-4.		<u> </u>			
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.		<u> </u>			
P7.6*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).					
D7 7*	Product lifetime					
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives		<u> </u>			
P7.8*	Upgrading can be done using commonly available tools	\boxtimes				
P7.9.	Spare parts are available after end of production for: 7 years					
P7.10	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):					
P7.12	Material type: PC+ABS Material type: ABS Material type: PC Insulation materials of external electrical cables are PVC free.					
P7.13	Insulation materials of external electrical cables are PVC free.					
P7.13						
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		\boxtimes			
	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: >PC+ABS-FR(40)<					
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: <i>Phosphate</i> , CAS #:	\boxtimes				
	181028-79-5					
	Alt. 2: Chemical specifications of flame retardants in printed circuit boards (without components) > 25 g according ISO 1043-4:	Ш	Ш			
P7.18	Alt. 1: Flame retarded plastic parts > 25 g contain the following flame retardant substances/preparations in					
	concentrations above 0,1%:	\boxtimes				
	1. Chemical name: <i>Phosphoric</i> , CAS #: <i>181028-79-5</i> (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	In plastic parts > 25 g, flame retardant substances/preparations above 0,1% are used which have been		Ħ	H		
	assigned the following Risk phrases; and Hazard statements:		ш			
	The source(s) for these classifications is/are found at (add URL(s)): , (See NOTE B5)					
P7.20*	Postconsumer recycled plastic material content is used in the product (See NOTE B6):	\boxtimes				
	If YES; at least one of the two alternatives below shall be answered;					
	a) Of total plastic parts' weight > 25 g, the postconsumer recycled plastic material content (calculated as a					
	percentage of total plastic by weight) is 17,5%.					
	b) The weight of recycled material is 7801 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 http://www.ecma-international.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.

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.

Model nur	nber * e-STUDIO6516AC / FC-6516AC				Logo				
Issue date	* Rev. A; 2019-10-24					e-studi	36516 /	AC	
Product environmental attributes - Market requirements (continued)							Requ	iremen	t met
Item					•			es No	n.a.
	Material	and substa	ance requirements (d	continued)					
P7.21*	1* Biobased plastic material content is used in the product (See NOTE B7):								
	If YES; a	t least one	of the two alternatives	below shall be answe	ered;				
	 a) Of total plastic parts' weight > 25 g, the biobased plastic material content (calculated as a percentage of total plastic by weight) is %. 								
	or b) The weight of the biobased plastic material is g.								
P7.22*			ee from mercury, i.e. le becify: Number of lam		um mercury content per la	ımp: ı	mg		
P8	Batteries	6							
P8.1*	Battery c	hemical cor	mposition: <i>Li</i>						
P9	Energy o	consumpti	on (See NOTE B8)						
P9.1	For the p	roduct the t	following power levels	or energy consumption	ons are reported:				
Energy mo	ode *		Power level at 100 V AC	Power level at 115 V AC		Reference/St	tandard for est method *	energy	
Sleep mod STAR® Op (OM) produ	perational l		W	W	W				
Standby/of			W	W	W				
ENERGY				••					
Mode (OM									
TEC value for ENERGY STAR TEC products		GY STAR	kWh/week	kWh/week	4,157 kWh/week	NERGY ST	TAR for IE V2.	0	
(TEC= Typ		у			1,109 kWh/week	NERGY ST	TAR for IE V3.	0	
Maximum	Power		W	W	1280 W				
Continous	s printing	(mono)	W	W	1015 W				
Ready Po	wer		W	W	153,7 W				
Low Powe	er		W	W	65,4 W				
Sleep mod	de		W	W	0,55 W				
Plug in of	f Power		W	W	0,034 W				П
External Po	ower Supp	ly Efficienc	y Level (International	Efficiency Marking Pro	otocol) *:				
Print/Scan	Speed *:								
Print; mor	10 75 & co		an; single-side 120 &	doubleside 240 ima	ges per minute				
		•	e mode: 1 minutes						
P9.2*	2* Information about the energy save function is provided with the product.								
P10	Emissions Noise emission – Declared according to ISO 9296 (See NOTE B9)								
P10.1	Mode Mode		ode description			htad sound	nower level		
F 10.1	Mode	IVI	ode description		Statistical upper limit A-weighted sound power level, $L_{WA,c}$ (B)				
	Idle * <i>Ready</i> * 5,53								
	Operation	n * /	Print	* 7	7,26 (mono) ; 7,25 (col)				
Other mode					_				
	Measure	d according	j to: 🔀 ISO 7779 🗌	ECMA-74				_	
		·	Other DE-UZ	205 (only if not cover	ed by ECMA-74)				

NOTE B9 A Guidance document on Acoustic Noise is available; see http://www.ecma-international.org/publications/standards/Ecma-370.htm

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 nur	nber *	e-STUDIO6516AC / FC-6516AC	Logo				
Issue date *		Rev. A; 2019-10-24		e-stu	© -stubio6516		
	environ	mental attributes - Market requirements (continued)		Re	quire		
Item					Yes	No	n.a.
D40.0*		al emissions from printing products (See NOTE B10)				_	
P10.2*		rformed according to ECMA-328 Determination of Chemical Emission Rates from E ent (ISO/IEC 28360), other specify: <i>DE-UZ 205</i>	lectronic			Ш	Ш
P10.3	3 Typical emission rate (operation phase) is (mg/h):						
	Electrop	photographic devices:					
		Ozone <lod (0,10)="" (0,4)="" (0.02)="" <lod="" a="" benzene="" dust="" n="" styrene="" td="" tvc<=""><th></th><td></td><td></td><td></td><td></td></lod>					
	col.: Oz	cone 1,3 Dust <lod (0,10)="" (0,80)="" (0.02)="" <lod="" benzene="" styrene="" td="" tvo<=""><th>C 1,32</th><td></td><td></td><td></td><td></td></lod>	C 1,32				
	Ink devi						
	Dust	Styrene Benzene TVOC					
	Note: co	ompliance with maximum emission rates in eco labels to be declared in P14.					
P11	Consur	nable materials for printing products					
P11.1*	A Safety	Data Sheet (SDS) is available for the ink/toner preparation, even if not legally requ	ired (see P	4.3).	\boxtimes		
P11.2*	Paper of EN 122	containing post-consumer recycled fibers can be used, provided that it meets the B1.	ne requirem	nents of	\boxtimes		
P11.3*					\boxtimes		
P11.4*	The product is delivered to end-user with default auto-duplex enabled.					\boxtimes	
P13		ing and documentation					
P13.1*		packaging material type(s): Cardboard weight (kg): 23,819					
		packaging material type(s): <i>EPS/EPE/EPP</i> weight (kg): <i>0,022</i> packaging material type(s): <i>Plastics</i> weight (kg): <i>1,039</i>					
		packaging material type(s): Wood (Palette) weight (kg): 17,000					
P13.2*		plastic primary packaging is free from PVC.			\boxtimes		
P13.3*		duct primary corrugated fiberboard packaging, specify the contained percentage	of minimu	m post-			Ħ
		er recovered fiber content: 80%		poot			
P13.4*	Specify	media for user and product documentation (tick box):					П
	Electror	nic 🔀, Paper 🔀, Other 🗌					
P13.5	(Please	only complete this item if paper documentation used)					
		d product documentation on paper media is chlorine-free:			\boxtimes		
	If Yes, p	lease specify:					
	Totally of	chlorine-free					
	Elemen	tal chlorine-free			$\overline{\boxtimes}$		
	Processed chlorine-free				Ħ		
P14	Volunta	iry programs:					

Date: Oct. 2014

Date: Oct. 2019

Date: Jan. 2017

Date: Dec. 2017

Product category: *Imaging Equipment*

Product category: Imaging Equipment

Product category: Office Equipment with printing function
Product category: Imaging Equipment

The product meets the requirements of the following voluntary program(s):

Criteria version: 2.0

Criteria version: 3.0

Criteria version: 6.5

Criteria version: DE-UZ 205

ENERGY STAR®

ENERGY STAR®

Eco-label: Blue Angel

Eco-label: Nordic Swan

Additional information (See NOTE B11)

Compliant with Voluntary Agreement on ErP Lot4

P14.1

P15

P3.2

NOTE B10 A Guidance document on Chemical Emissions is available; see http://www.ecma-international.org/publications/standards/Ecma-370.htm

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, P4.1
(EC) 1907/2006(REACH, Annex XVII	P1.2, P1.4, P1.6, P1.7, P4.2
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
"REACH" Regulation (1907/2006), annex VII	P1.10
Directive 2013/56/EC (Battery and accumulators Directive) * * 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 2006/95/EC (Low Voltage Directive)	P3.1
Directive 2004/108/EC (EMC Directive)	P3.1
Directive 1999/5/EC (R&TTE Directive)	P3.1
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	P3.1, P3.2
Regulation (EC) 1907/2006 (REACH Regulation), Article 31, annex II)	P4.3
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