

ECMA/TC38-TG3/2015/026 (Rev. 1 – 15 April 2015)

Annex B2 - Product environmental attributes Phones, Phablets, Options

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 *	Lenovo	Logo			
Company name *	Lenovo				
Contact information *	Lenovo Global Environmental Affairs				
e-mail address	Alvin L Carter	Lenovo			
	alcarter@lenovo.com				
Internet site *	http://www.lenovo.com/social_responsibility/us/en/environment.html				
Additional information	The latest version of this document can be found at:				
	http://www.lenovo.com/ecodeclaration				

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 *	Phablets			
Commercial name *	Lenovo TAB V7			
Model number *	ZA58			
Issue date *	2019/7/5			
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 B2

Annex B2 reflects Product environmental attributes relevant for Computers and Computer Monitors. The following items from the ECMA-370 Main body are not shown in the template:

P4.1 – P4.3 Consumable materials

P9.1 TEC and Print speed

P10.2 - P10.3 Chemical emissions from printing products

P11.1 - P11.3 Consumable materials for printing products.

Model n	umber *	ZA58 Logo				
Issue date *		2019/7/5	Len	OVC		
Produc	t environ	mental attributes - Legal requirements	Require	ment	t met	
ltem			Yes	No	n.a.	
P1		ous substances and preparations				
P1.1*	Products	s do comply with current European RoHS Directive. (See legal reference and NOTE B1)	\square			
P1.2*	Comme	s do not contain Asbestos (see legal reference). nt: Legal reference has no maximum concentration value.	\boxtimes			
P1.3*	hydrobro trichloro	s do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), pmofluorocarbons (HBFC), hydrochlorofluorcarbons (HCFC), Halons, carbontetrachloride, 1,1,1- ethane, methyl bromide (see legal reference). Comment: Legal reference has no maximum ration values.				
P1.4*	terpheny	s do not contain more than; 0,005% polychlorinated biphenyl (PCB), 0,005% polychlorinated /l (PCT) in preparations (see legal reference).	\square			
P1.5*		s do not contain more than 0,1% short chain chloroparaffins (SCCP) with 10-13 carbon atoms in the ntaining at least 48% per mass of chlorine in the SCCP (see legal reference).	e 🔀			
P1.6*	(see leg	th direct and prolonged skin contact do not release nickel in concentrations above 0,5 μg/cm²/week al reference). nt: 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):					
P2	Batterie					
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)					
P2.2*	Batteries or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadmium. (See legal 🛛 🗌 🔲					
P2.3*	Batteries and accumulators are readily removable. (See legal reference)					
P3	Conformity verification & Eco design (ErP)					
P3.1*	The Dec	duct is CE-marked to show conformance with applicable legal requirements (see legal reference). daration of Conformity can be requested at (add link or e-mail address): ww.lenovo.com/us/en/compliance/eu-doc				
P3.2*	The pro	Juct complies with the Eco design requirements for energy-related products, al reference).	\boxtimes			
	Required information is; given in item P15 or added to this document,					
P5	Droduct	available at (add URL): <i>lenovo.com/us/en/compliance/eco-declaration</i>				
P5.1*		ng and packaging components do not contain more than 0,01% lead, mercury, cadmium an	d 🔀			
		ent chromium by weight of these together.	\sim			
P5.2*	The packaging materials are marked with abbreviations and numbers indicating the nature of the material(s) is 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		nt information				
P6.1*		on for recyclers/treatment facilities is available (see legal reference).				

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 nu	umber *	ZA58 Logo				
Issue date *		2019/7/5	Lei	NOV	Оти	
Product		mental attributes - Market requirements (See General NOTE GN below)				
		nmental conscious design	Requir			
Item P7		tory to fill in. Additional information regarding each item may be found under P14. Disassembly, Recycling	Yes	No	n.a.	
P7.1*		t have to be treated separately are easily separable				
P7.2*						
P7.3*		aterials in covers/housing have no surface coating. arts > 100 g consist of one material or of easily separable materials.	<u> </u>			
P7.4*	-	arts > 25 g have material codes according to ISO 11469 referring ISO 1043-4.		- H		
P7.5	-	arts are free from metal inlays or have inlays that can be removed with commonly available tools		- #	-H-	
P7.6*		re easily separable. (This requirement does not apply to safety/regulatory labels).		-		
17.0	Product					
P7.7*		g can be done e.g. with processor, memory, cards or drives				
P7.8*		g can be done using commonly available tools	<u> </u>		-	
P7.9		Ints are available after end of production for: 1 years			<u> </u>	
P7.10		s available after end of production for: 1 years				
17.10		and substance requirements				
P7.11*		cover/housing material type (e.g. plastics, metal, aluminum):				
	Material		2			
P7.12		n materials of external electrical cables are PVC free.		\times		
P7.13	Insulation	n materials of internal electrical cables are PVC free.				
P7.14						
P7.15	Printed c	ircuit boards, PCBs (without components) are low halogen: all 🗌 PCBs > 25 g 🔀 are low halo ed in IEC 61249-2-21. (See 1NOTE B2)	gen 🔀			
P7.16		tarded plastic parts > 25 g in covers / housings are marked according ISO 1043-4:			\boxtimes	
P7.17		nemical specifications of flame retardants in printed circuit boards > 25 g (without components): A (additive), TBBPA (reactive) (See NOTE B3), Other: <i>DOPO</i> , CAS #: 35948-25-5				
	according	nemical specifications of flame retardants in printed circuit boards (without components) > 25 g g ISO 1043-4: <i>FR(40)</i>				
P7.18	concentr 1. Chemi 2. Chemi	ame retarded plastic parts > 25 g contain the following flame retardant substances/preparation ations above 0,1%: ical name: , CAS #: (See NOTE B4) ical name: , CAS #: " ical name: , CAS #: "	s in			
		nemical specifications of flame retardants in plastic parts > 25 g according ISO 1043-4:				
P7.19	•	parts > 25 g, flame retardant substances/preparations above 0,1% are used which have been			\bowtie	
	0	the following Risk phrases; and Hazard statements:				
P7.20*		ce(s) for these classifications is/are found at (add URL(s)): , (See note B5) sumer recycled plastic material content is used in the product (See Note B6):		\square		
	a) Of ta a pe or	t least one of the two alternatives below shall be answered; otal plastic parts' weight > 25 g, the postconsumer recycled plastic material content (calculated a ercentage of total plastic by weight) is %. weight of recycled material is g.	IS			

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 number * ZA58		Logo			
Issue date *	2019/7/5		Lenovo		
Product environ	nental attributes - Market requirements (continued)		Requirement met		

Item

Requirement met

a.
Э.

	Material and sul	stance requirements	(continued)				
P7.21*	Biobased plastic	material content is used	I in the product (See N	OTE B7):			
	 If YES; at least one of the two alternatives below shall be answered; 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*	Light sources are free from mercury, i.e. less than 0,1 mg/lamp.						
	,	d specify: Number of lan	nps: and maxim	um mercury content p	er lamp: mg		
P8	Batteries						
P8.1*		composition: Lithium in	ิวท				
P9		ption (See NOTE B8)					
P9.1		ne following power level					
Energy mo		Power level at 100 V AC	Power level at 115 V AC	Power level at 230 V AC	Reference/Standard for energ modes and test method *	у 🔀	
Peak (On-	max)	10 W	10 W	10 W	Full load		
EPS No-loa	ad supply / charger plugged in th	0.025 W	0.028 W	0.036 W			
wall outlet but dis	sconnected from the product.)						
PTEC *		W	W	W		\bowtie	
Typical Energy Consumption ETEC *				LAN / La an			
	ergy Consumption	kWh/year	kWh/year	kWh/year			
		ncy Level (International	Efficiency Marking Pro	otocol) * : VI			
	solution * : 2.33 me						
Default tim	e to enter energy s	ave mode: 1 minutes					
P9.2*	Information abou	t the energy save function	on is provided with the	product.			
P9.3	Energy efficiency	class (monitors only):					
P10	Emissions						
	Noise emission	 Declared according to 	ISO 9296 (See NOTE	E B9)			
P10.1	Mode Mode description Statistical upper limit A-weighted sound power level, L _{WA,c} (I					/A,c (B)	
	Idle	*		*		\square	
	Operation	*		*		\mathbf{X}	
	Other mode	Declared A-weighted soun	d pressure level (dB) L_{pAr}	n (operator po	osition desktop – idle)		
	Other mode	Declared A-weighted soun	d pressure level (dB) $L_{p{\sf Arr}}$	n (operator po	osition desktop – operating)		
	Measured according to: ISO 7779 ECMA-74 Other (only if not covered by ECMA-74)						

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

NOTE B9 A Guidance document on Acoustic Noise is available;

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

Model nu	umber *	ZA4M			Logo				
Issue date *		2019/3/7				Leno	Lenovo		
Product	t environr	nental attribut	es - Market requirement	ts (continued)	•	Require	ment	met	
Item						Yes	No	n.a.	
		magnetic emissi							
P10.4	Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary								
P12		mics for comput							
P12.1*			gonomic requirements of ISC						
P12.2*	The phy	sical input device	meets the requirements of I	SO 9995 and ISO 9241-	-410.	\square			
P13	Packagi	ing and docume	ntation						
P13.1*	Product		ial type(s): Corrugated sing ial type(s): molded pulp we ial type(s): EPS we		t (kg): 0.07				
P13.2*	Product	plastic primary p	ackaging is free from PVC.			\boxtimes			
P13.3*	For product primary corrugated fiberboard packaging, specify the contained percentage of minimum post-								
P13.4*		media for user ar ronic, 🔀Paper,	nd product documentation (tio	ck box):					
P13.5	Ùser and		is item if paper documentatic entation on paper media is cl						
	Totally c	hlorine-free							
		al chlorine-free				Ħ			
	Process	ed chlorine-free				H			
P14	Volunta	ry programs							
P14.1			quirements of the following v	oluntary program(s):					
	ENERG	Y STAR®	Criteria version:	Date:	Product category:				
	Eco-label: Criteria version: Date: Product category:								
DAG	Eco-labe		Criteria version:	Date:	Product category:				
P15		nal information (u vomu dooovintie	the tested are duct as firm	votion :			
	NOTE: S informat knowled	Supplier makes n ion contained in t ge available at th I here is approxin	specific configuration ma o representations, guarantee his document. All information the time of completion, and su nate and provided for informa-	es, assurances or warrar n provided by supplier in Ipplier shall have no obli	nties whether express or imp this document is provided b gation to update such inforn	blied, regardin based on supp nation. The inf	lier's ormat	ion	

NOTE B10 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 B2

Reference	Declaration item
Directive 2011/65/EU (RoHS Directive) * * Specific exemptions apply for certain products and applications.	P1.1
Regulation (EC) 1907/2006(REACH, Annex XVII	P1.2, P1.4, P1.6, P1.7
Regulation (EC) 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 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) No 1272/2008 (CLP Regulation)	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