

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 *	RICOH	Logo
Company name *	RICOH Company Ltd.	_
Contact information *	Ricoh Europe Plc	70000010400
	20 Triton Street, London NW1 3BF, United Kingdom	nashuatec
	emo@ricoh-europe.com	
Internet site *	www.ricoh.com	
Additional information		

The company declares (b	The company declares (based on product specification or test results based obtained from sample testing), that the product				
conforms to the statement	ts given in this declaration.				
Type of product *	Multifunction				
Commercial name *	MP C306ZSP				
Model number *	MP C306ZSP				
Issue date *	21 July 2015				
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			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 controlsuch as organized by IT-Företagen (see www.itecodeclaration.org).	ol 🔀	

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Product	duct environmental attributes - Legal requirements				
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 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). 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 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 chain containing at least 48% per mass of chlorine in the SCCP (see legal reference).	\boxtimes			
P1.6*	Textile and leather parts with direct skin contact do not contain Tri-(2,3,-dibromopropyl)-phosphate (TRIS), 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	$\neg \neg$	\Box	X	
	aromatic amines. (See legal reference and Note B1)	ш	ш		
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).				
P1.9*	Comment: Legal reference has no maximum concentration values. Parts with direct and prolonged skin contact do not release nickel in concentrations above 0.5		$\overline{}$		
F 1.9	microgram/cm ² /week (see legal reference). Comment: Max limit in legal reference when tested according to EN1811:1998.		Ш		
P1.10*	REACH Article 33 information about substances in articles is available at (add URL or mail contact):	\square			
	emo@ricoh-europe.com		ш		
P2	Batteries				
P2.1*	If the product contains a battery or an accumulator, it is labeled with the disposal symbol and if it contains				
	more than 0.0005% of mercury (for button cells only) by weight, or more than 0.004% of lead, it shall be 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	\square			
	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	<u>Ш</u>	<u> </u>	
P3.2*	The product complies with legally required standards for electromagnetic compatibility (see legal reference).	\boxtimes			
P3.3*	If product is intended for connection to a public telecom network or contains a radio transmitter, it complies with legally required standards for radio and telecommunication devices (see legal reference).				
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 legal reference and Note B1).				
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 product/packaging is adequately labeled 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 hexavalent chromium by weight of these together.				
P5.2*	Plastic packaging material is marked according to ISO 11469 referring ISO 1043 (see legal reference).	\boxtimes			
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.				

Note B¹: Restriction applies to the homogeneous material, unless other specified and expressed in weight %.

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Product	environmental attributes - Market requirements - Environmental conscious design Re	equire	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 Disassembly, recycling	-		
P7.1*	Parts that have to be treated separately are easily separable	\square	\Box	
P7.2*	Plastic materials in covers/housing have no surface coating.	$\overline{\mathbb{X}}$	Ħ	一一
P7.3*	Plastic parts >100g consist of one material or of easily separable materials.	\boxtimes	Ħ	\dashv
P7.4*	Plastic parts >25g have material codes according to ISO 11469 referring ISO 1043.	X	\dashv	一一
P7.5	Plastic parts are free from metal inlays or have inlays that can be removed with commonly available tools.		卅	∺
P7.6*	Labels are easily separable. (This requirement does not apply to safety/regulatory labels).		旹	\dashv
	Product lifetime			
P7.7*	Upgrading can be done e.g. with processor, memory, cards or drives		\Box	
P7.8*	Upgrading can be done using commonly available tools	\boxtimes	干	∺
P7.9.	Spare parts are available after end of production for: 7 years		旹	\dashv
P7.10	Service is available after end of production for: 7 years	$\overline{\mathbb{X}}$	\dashv	\dashv
	Material and substance requirements			
P7.11*	Product cover/housing material type:			
	Material type: PC+ABS Material type: Material type:			
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	Ī	$\overline{\boxtimes}$	
P7.14	All cover/housing plastic parts >25g are free from chlorine and bromine.	$\overline{\boxtimes}$	一	$\overline{\Box}$
P7.15	All printed circuit boards (without components) >25g are halogen free. as defined in IEC61249-2-21. (See Note B ²)			
P7.16	Flame retarded plastic parts >25g in covers / housings are marked according ISO 1043-4: Marking: FR(40)			
P7.17	Alt. 1 Chemical specifications of flame retardants in printed circuit boards >25g (without components):			
	TBBPA (additive) , TBBPA (reactive) , Other; chemical name:, CAS #: BFRs are used, which are not restricted of their inclusion by regulations			
	Alt. 2 Chemical specifications of flame retardants in printed circuit boards (without components) >25g according ISO 1043-4:			
P7.18	Alt. 1 Flame retarded plastic parts >25g contain the following flame retardant substances/preparations in concentrations above 0.1%:			
	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)			
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		
P7.20	Of total plastic parts' weight >25g, recycled material content is 0.06%			
P7.21	Of total plastic parts' weight >25g, biobased material content is 0% Light sources are free from mercury		_	
P7.22	If mercury is used specify: Number of lamps: and max. mercury content per lamp: mg		Ш	
P8	Batteries			
P8.1*	Battery chemical composition: Manganese dioxide lithium			
P8.2	Batteries meet the requirements of the following voluntary program/s: European eco-label (EU Flower)			\boxtimes

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	environmental att	ributes - Market re	quirements (con	tinued)		Requirement	met
Item	_	-				Yes No	n.a.
P9	Energy consumpt						
9.1	<u> </u>	following power levels			reported:		
Energy mo	ode *	Power level at 100 V AC	Power level at 115 V AC	Power 230	level a V AC	Reference / Standard for energy modes and test method *	
Operating	Mode	W	W	Mono	418 W		
				Colou	ır 484 W		
Ready Mo	ode	W	W	46.2 V	٧		
Sleep Mod	de	W	W	0.66 V	V		
		W	W		W		
		W	W	V	V		
		W	W	V	V		
EPS No-lo		W	W	V	V		\boxtimes
charger plu outlet but of the produc	oower supply / ugged in the wall disconnected from ct.)						
PTEC * Typical En	ergy Consumption	W	W	V	V		
TEC *		kWh/week	kWh/week	1.102 kV	Vh/week		
Typical En	ergy Consumption						
ETEC * Annual En	ergy Consumption	kWh/year	kWh/year	52.896 k	(Wh/year		
Display res	solution* : Me	gapixels					
Print Spee	d * : 30 Image	s per minute					$\overline{\Box}$
Default tim	ne to enter energy sa	ve mode: 1 minutes				+	$\overline{}$
P9.2*	= -	ne energy save functio	n is provided with th	ne product			
P9.3*		the energy requirement version: 2.0 Product c			rogram/s:		
P10	Emissions						
		Declared according to	ISO 9296				
P10.1	Mode N	lode description		Declare A-weigh sound po	ited	Declared A-weighted sound pressure level $L_{p m Am}$ (dB)	
				level L_{WA}	_	perator position Bystander positions	
				***	iu v	Desktop (cally if any dust is not	
						or Desk side (only if product is not operator attended)	
	Idle *	Stand-by		*3.4		20.1	
	Operation *	Operating Mode		*Mono 6. Colour 6		Mono 55.2 Colour 55.9	
	Other mode						
Measured according to: ISO7779 ECMA-74 Other (only if not covered by ECMA-74 with L _{pAm} measurement distance m)							
P10.2						Dive As set	
	The product meets	the acoustic noise req	uirements of the foll	owing volu	untary prog	gram/s: Blue Angel	ш
						Nordic Swan	

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Product	roduct environmental attributes - Market requirements (continued)			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-UZ171	\boxtimes		
P10.4	Typical emission rate (print phase) is (mg/h):			\boxtimes
	Dust (monochrome < limit of detection colour 1.4) Ozone (monochrome < limit of detection colour < limit of			
	detection) Styrene (monochrome 0.023 colour 0.033) Benzene (monochrome 0.012 colour 0.022) TVOC (monochrome 0.97 colour 1.2)			
P10.5	Chemical emission requirements of the following voluntary program/s are met for:			
	Dust ✓ Ozone ✓ Styrene ✓ Benzene ✓ TVOC ✓ Blue Angel	\boxtimes	Ш	Ш
	Nordic Swan			\boxtimes
	Electromagnetic emissions			
P10.6	Computer display meets the requirement for low frequency electromagnetic fields of the following voluntary program/s:			\boxtimes
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).	\boxtimes		
P11.2*	Paper containing post-consumer recycled fibers can be used, provided that it meets the requirements of EN12281.	\boxtimes		
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*	., ,			
P13	Packaging and documentation			
P13.1*	Product packaging material type(s): Corrugated Paper weight (kg): 6.717			
	Product packaging material type(s): <i>Plastic</i> weight (kg): <i>0.717</i> Product packaging material type(s): weight (kg):			
P13.2*	Product plackaging in free from PVC.			$\overline{}$
P13.3*	Specify media for user and product documentation (tick box):			+
F 13.3	Electronic , Paper , Other .			Ш
P13.4*	For paper user and product documentation, please specify contained percentage of post-consumer recycled fiber: %			
Rev.	User and product documentation do not contain chlorine bleached paper	\boxtimes		
P13.5	Note - 4			
P14	Additional information (See Note B4)			
	This product is designed to utilise recycled plastic materials wherever available.			

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.

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