


THE ECO DECLARATION



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 * | <i>Sharp</i> |  |
| Company name * | <i>Sharp Electronics Europe Ltd</i> | |
| Contact information * e-mail address | <i>environment@sharp.eu</i> | |
| Internet site * | <i>www.sharp.eu</i> | |
| 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 * | <i>MFP</i> |
| Commercial name * | <i>MX-7580N (from Serial No. 85000012)</i> |
| Model number * | <i>MX-7580N (from Serial No. 85000012)</i> |
| Issue date * | <i>3th, August, 2018</i> |
| Intended market * | <input type="checkbox"/> Global <input checked="" type="checkbox"/> Europe <input type="checkbox"/> Asia, Pacific & Japan <input type="checkbox"/> Americas <input type="checkbox"/> Other |
| Additional information | |

This is an uncontrolled copy when in printed form. Please refer to the contact information for the latest version.

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| <p>About Annex B1</p> <p>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:</p> <p>P9.1 PTEC, ETEC and display resolution P12.1-P12.2 Ergonomic requirements.</p> |
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| | | | |
|----------------|-------------------|------|---|
| Model number * | MX-7580N | Logo |  |
| Issue date * | 3th, August, 2018 | | |

| 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) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| P1.2* | Products do not contain Asbestos (see legal reference). Comment: Legal reference has no maximum concentration value. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| P1.3* | Products do not contain Ozone Depleting Substances: Chlorofluorocarbons (CFC), hydrobromofluorocarbons (HBFC), hydrochlorofluorocarbons (HCFC), Halons, carbontetrachloride, 1,1,1-trichloroethane, methyl bromide (see legal reference). Comment: Legal reference has no maximum concentration values. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| P1.4* | Products do not contain more than; 0,005% polychlorinated biphenyl (PCB), 0,005% polychlorinated terphenyl (PCT) in preparations (see legal reference). | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| 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). | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| P1.6* | Parts with direct and prolonged skin contact do not release nickel in concentrations above 0,5 µg/cm ² /week (see legal reference). Comment: Max limit in legal reference when tested according to EN1811:2011-5. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P1.7* | REACH Article 33 information about substances in articles is available at (add URL or mail contact): www.sharp.eu | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 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) | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P2.2* | Batteries or accumulators do not contain more than 0,0005% of mercury or 0,002% of cadmium. (See legal reference) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P2.3* | Batteries and accumulators are readily removable. (See legal reference) | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 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): | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| P3.2* | The product complies with the Eco design requirements for energy-related products, (see legal reference). Required information is; <input type="checkbox"/> given in item P15 or added to this document, <input type="checkbox"/> available at (add URL): | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 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). | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P4.2* | If ink/toner is used in the product, it does not contain cadmium max 0,1% by weight (see legal reference). | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 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. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 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. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| P5.2* | The packaging materials are marked with abbreviations and numbers indicating the nature of the material(s) used (see legal reference). | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 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. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P6 | Treatment information | | | |
| P6.1* | Information for recyclers/treatment facilities is available (see legal reference). | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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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|----------------|--------------------------|------|--------------|
| Model number * | <i>MX-7580N</i> | Logo | SHARP |
| Issue date * | <i>3th, August, 2018</i> | | |

Product environmental attributes - Market requirements (continued) **Requirement met**

Item Yes No n.a.

Material and substance requirements (continued)

| | | | | |
|--------|---|-------------------------------------|--------------------------|--------------------------|
| P7.21* | Biobased plastic material content is used in the product (See NOTE 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 <i>0~0.1</i> %. or b) The weight of the biobased plastic material is g. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P7.22* | Light sources are free from mercury, i.e. less than 0,1 mg/lamp. If mercury is used specify: Number of lamps: and maximum mercury content per lamp: mg | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

P8 Batteries

| | | |
|-------|---|--------------------------|
| P8.1* | Battery chemical composition: <i>LiMnO2</i> | <input type="checkbox"/> |
|-------|---|--------------------------|

P9 Energy consumption (See NOTE B8)

P9.1 For the product the following power levels or energy consumptions are reported:

| Energy mode * | Power level at 100 V AC | Power level at 115 V AC | Power level at 230 V AC | Reference/Standard for modes and test method * | energy <input type="checkbox"/> |
|--|-------------------------|-------------------------|-------------------------|--|-------------------------------------|
| Sleep mode for ENERGY STAR® Operational Mode (OM) products | W | W | W | | <input checked="" type="checkbox"/> |
| Standby/off mode for ENERGY STAR Operational Mode (OM) products | W | W | W | | <input checked="" type="checkbox"/> |
| TEC value for ENERGY STAR TEC products (TEC= Typical Energy Consumption) | kWh/week | kWh/week | <i>7.8</i> kWh/week | <i>Energy Star (ver. 2.0)</i> | <input type="checkbox"/> |
| <i>Maximum power consumption</i> | W | W | <i>3840</i> W | | <input type="checkbox"/> |
| <i>Operating mode</i> | W | W | <i>1390</i> W | | <input type="checkbox"/> |
| <i>Ready mode</i> | W | W | <i>350</i> W | | <input type="checkbox"/> |
| <i>Preheat mode</i> | W | W | <i>220</i> W | | <input type="checkbox"/> |
| <i>Auto power shut-off mode</i> | W | W | <i>1.2</i> W | | <input type="checkbox"/> |
| <i>Plug-in off mode</i> | W | W | <i>0.2</i> W | | <input type="checkbox"/> |
| External Power Supply Efficiency Level (International Efficiency Marking Protocol) * : | | | | | <input checked="" type="checkbox"/> |
| Print/Scan Speed * : <i>75</i> images per minute | | | | <i>Color / Monochrome</i> | <input type="checkbox"/> |
| Default time to enter energy save mode: <i>45</i> minutes | | | | | <input type="checkbox"/> |

| | | | | |
|-------|--|-------------------------------------|--------------------------|--------------------------|
| P9.2* | Information about the energy save function is provided with the product. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|-------|--|-------------------------------------|--------------------------|--------------------------|

P10 Emissions (See NOTE B8)

Noise emission – Declared according to ISO 9296

| P10.1 | Mode | Mode description | Declared A-weighted sound power level $L_{WA,d}$ (B) | Declared A-weighted sound pressure level L_{pAm} (dB) | | |
|---|------------|--------------------|--|---|---|--------------------------|
| | | | | Operator position <input type="checkbox"/> | Bystander positions <input checked="" type="checkbox"/> | |
| | Idle | * <i>Ready</i> | * <i>5.7</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Operation | * <i>Operation</i> | * <i>7.8</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Other mode | | | <input type="checkbox"/> | <input type="checkbox"/> | |
| Measured according to: <input checked="" type="checkbox"/> ISO7779 <input type="checkbox"/> ECMA-74 <input type="checkbox"/> Other (only if not covered by ECMA-74 with L_{pAm} measurement distance m) | | | | | | |

The product meets the acoustic noise requirements of the following voluntary program/s: *Blue Angel RAL-UZ 205*

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>

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| Issue date * | <i>3th, August, 2018</i> | | |

| Product environmental attributes - Market requirements (continued) | | Requirement met | | |
|--|--|-------------------------------------|--------------------------|---|
| Item | | Yes | No | n.a. |
| Chemical emissions from printing products (See NOTE B10) | | | | |
| P10.2* | Test performed according to ECMA-328 Determination of Chemical Emission Rates from Electronic Equipment (ISO/IEC 28360) <input type="checkbox"/> , other specify: <i>Blue Angel RAL-UZ 205</i> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P10.3 | Typical emission rate (operation phase) is (mg/h): <i>Color / Monochrome</i> Electrophotographic devices: Ozone <i>2.3 / 1.4</i> Dust <i>1.0 / 0.8</i> Styrene <i>0.7 / 0.1</i> Benzene <i>< LOD / 0.01</i> TVOC <i>8.2 / 3.1</i> (" < LOD " means less than limit of detection.) Ink devices: Dust Styrene Benzene TVOC Note: compliance with maximum emission rates in eco labels to be declared in P14. | | | <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> |
| 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). | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P11.2* | Paper containing post-consumer recycled fibers can be used, provided that it meets the requirements of EN 12281. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P11.3* | 2-sided (duplex) printing/copying is an integrated product function. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P11.4* | The product is delivered to end-user with default auto-duplex enabled. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P13 Packaging and documentation | | | | |
| P13.1* | Product packaging material type(s): <i>Paper / Cardboard</i> weight (kg): <i>11.78</i> Product packaging material type(s): <i>Wood</i> weight (kg): <i>16.90</i> Product packaging material type(s): weight (kg): | | | |
| P13.2* | Product plastic primary packaging is free from PVC. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| P13.3* | For product primary corrugated fiberboard packaging, specify the contained percentage of minimum post-consumer recovered fiber content: <i>50 %</i> | | | <input type="checkbox"/> |
| P13.4* | Specify media for user and product documentation (tick box): Electronic <input checked="" type="checkbox"/> , Paper <input checked="" type="checkbox"/> , Other <input type="checkbox"/> | | | <input type="checkbox"/> |
| P13.5 | (Please only complete this item if paper documentation used) User and product documentation on paper media is chlorine-free: If Yes, please specify: Totally chlorine-free Elemental chlorine-free Processed chlorine-free | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| P14 Voluntary programs: | | | | |
| P14.1 | The product meets the requirements of the following voluntary program(s): ENERGY STAR® Criteria version: <i>2.0</i> Date: <i>1 May 2017</i> Product category: <i>Imaging Equipment</i> Eco-label: <i>Blue Angel</i> Criteria version: <i>RAL-UZ 205</i> Date: <i>1 March 2018</i> Product category: <i>Office Equipment with Printing Function</i> Eco-label: <i>Nordic Ecolabel</i> Criteria version: <i>6</i> Date: <i>10 May 2017</i> Product category: <i>Imaging Equipment</i> | | | |
| P15 Additional information (See NOTE B11) | | | | |
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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 |