

## ENVIRONMENTAL DATASHEET

### SYSTEM INFORMATION

**System:** **e-STUDIO7527AC**

**Printing/Copying Speed:** 85 ppm monochrome  
75 ppm colour

**Supplies:**  
 Toner T-FC727EK, T-FC727EY, T-FC727EM, T-FC727EC  
 Developer D-FC556-K, D-FC556-Y, D-FC556-M, D-FC556-C



- Duplex unit as standard
- Capable to operate with recycling paper (EN12281)
- Internal toner recycling
- Energy Saver modes available
- Safety Data Sheet (SDS) for toner available

### NOISE EMISSION

Measured according to  Blue Angel (DE-UZ 219)  ISO 7779 / ISO 9296

	A-weighted sound pressure, 1m $L_{pa}$	A-weighted sound power $L_{WA}$	Declared A-weighted sound power $L_{WAc}$	A-weighted sound pressure bystander position $L_{pa}$
Ready	35.8 dB(A)	51.0 dB(A)	54.0 dB(A)	37.3 dB (A)
Printing mono	55.9 dB(A)	71.1 dB(A)	74.1 dB(A)	56.9 dB(A)
Printing colour	54.2 dB(A)	69.4 dB(A)	72.4 dB(A)	55.2 dB(A)

The device meets the noise emission requirements of the following voluntary programmes:

- Blue Angel (DE-UZ 219)
- Nordic Swan for IE (015), V6

### CHEMICAL EMISSION

Measured according to  Blue Angel (DE-UZ 219)

	Print phase (mono) <sup>1)</sup>	Print phase (colour) <sup>1)</sup>	Pre-operating phase (mono) <sup>1)</sup>	Pre-operating phase (colour) <sup>1)</sup>
Ozone	<0.4 (LOD) mg/h	1.3 mg/h		
Styrene	<0.10 (LOD) mg/h	<0.10 (LOD) mg/h		
Dust	n.a.	<1.3 (LOD) mg/h		
TVOC	6.22 mg/h	7.35 mg/h	0.273 mg/h	0.319 mg/h
Benzene	0.03 mg/h	0.03 mg/h		
Unidentified single VOC	0.13 mg/h	0.22 mg/h		
Particle emission rate	n.a.	1.55 x 10 <sup>11</sup> /10min		

1) LOQ/LOD = Limit of Quantification/Limit of Detection

The device meets the chemical emission requirements of the following voluntary programmes:

- Blue Angel (DE-UZ 219)
- Nordic Swan for IE (015), V6

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## POWER LEVEL at 230 V AC

Measured according to  ENERGY STAR® for Imaging Equipment  Blue Angel (DE-UZ 219)

Ready	216,6 W	Plug-in Off	0.15 W
Low Power	63,6 W	Power max.	1565.2 W
Sleep	0.43 W	cont. operation mono	1219.3 W
		cont. operation col	1217.8 W

Typical Energy Consumption (TEC): 1.41 kWh/week based on ENERGY STAR® for IE, Version 3.1

The device meets the power consumption requirements of the following voluntary programmes:

ENERGY STAR for Imaging Equipment, V. 3.1  Blue Angel (DE-UZ 219)  Nordic Swan for IE (015), V6

## PACKAGING DATA

Cardboard / Paper	21520,5 g	EPP/EPE	105 g
Plastics	768 g	Wood (Palette)	17000 g

## CHEMICALS / MATERIAL

**1<sup>st</sup> battery:** LiMnO<sub>2</sub> 3.2 g

### Cover/housing

Material: ABS, PC+ABS, PC, PS-HI  
 Flame Retardants: Free from halogens and chlorinated paraffins  
 Marking: Plastics marked according to ISO 11469

### Recycled plastic usage-ratio (based on EPEAT calculation procedure):

16.7 weight-% per total plastics, respectively 7392 g

Device is compliant to the RoHS-Directive  Device and material comply to REACH-Regulation

## TAKE-BACK PROGRAMMES

- For devices according to WEEE-Directive
- For batteries according to Battery Directive
- For packaging material according to Packaging Directive

## OTHERS

Manufacturing site certified according to:

- ISO 14001 (Environmental Management System)
- ISO 9001 (Quality Management System)
- ISO 45001 (Occupational Health and Safety Management System)

Commission Regulation 2019/2020:

The light sources are not intended for any other application than image capturing and/or printing in a Toshiba MFP/Printer

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