Supplier's name or trade mark:	GRUNDIG
Supplier's address:	ARCTIC S.A., Găeşti,Dâmbovia, 13 Decembrie Street, No 210, Romania
Model identifier:	GW 75843TW 7002340019

General product parameters:

Parameter	Value	Parameter	Value	
Rated capacity (kg)	8,0	Dimensions in cm	Height	84,0
			Width	60,0
			Depth	55,0
EEI_W	68,5	Energy efficiency class	C	
Washing efficiency index	1,035	Rinsing effectiveness (g/kg)	4,9	
Energy consumption in kWh per cycle, based on the eco 40-60 programme. Actual energy consumption will depend on how the appliance is used.	0,623	Water consumption in litre per cycle, based on the eco 40-60 programme. Actual water consumption will depend on how the appliance is used and on the hardness of the water.	47	

Maximum temperature inside the treated textile (°C)	Rated capacity	41	Remaining moisture content (%)	Rated capacity	0.0
	Half	34		Half	0
	Quarter	25		Quarter	0.0
Spin speed (rpm)	Rated capacity	1400	Spinning efficiency class	B	
	Half	1400			
	Quarter	1400			
Programme duration (h:min)	Rated capacity	3:38	Type	free-standing	
	Half	2:47			
	Quarter	2:47			

Airborne acoustical noise emissions in the spinning phase (dB(A) re 1 pW)	72	Airborne acoustical noise emission class (spinning phase)	A
Off-mode (W)	0,50	Standby mode (W)	0,50
Delay start (W) (if applicable)	4,00	Networked standby (W) (if applicable)	2,00

Minimum duration of the guarantee offered by the supplier :		24 months
This product has been designed to release silver ions during the washing cycle	NO	

Additional information:	
Weblink to the supplier's website, where the information in point 9 of Annex II to Commission Regulation (EU) 2019/2023 is found:	http://support.grundig.com

PARAMETER	UNIT	DECLARED/CALCULATED VALUES
Reference to the harmonised or other standards applied		EN 60456:2016/prA:2020, IEC 60704-2-4:2012
Reference to the other technical standards and specifications		
Rated capacity for the eco 40-60 programme, at 0,5 kg intervals (c)	kg	8,0
Energy consumption of the eco 40-60 programme at rated capacity ($E_{W,full}$)	kWh/cycle	0,990
Energy consumption of the eco 40-60 programme at half rated capacity ($E_{W,\frac{1}{2}}$)	kWh/cycle	0,540
Energy consumption of the eco 40-60 programme at quarter rated capacity ($E_{W,1/4}$)	kWh/cycle	0,290
Weighted energy consumption of the eco 40-60 programme (E_W)	kWh/cycle	0,623
Standard energy consumption of the eco 40-60 programme (SCE_W)	kWh/cycle	0,909
Energy Efficiency Index (EEI_W)	-	68,5
Water consumption of the eco 40-60 programme at rated capacity ($W_{W,full}$)	L/cycle	54,0
Water consumption of the eco 40-60 programme at half rated capacity ($W_{W,\frac{1}{2}}$)	L/cycle	48,0
Water consumption of the eco 40-60 programme at quarter rated capacity ($W_{W,1/4}$)	L/cycle	38,0
Weighted water consumption (W_W)	L/cycle	47
Washing efficiency index of the eco 40-60 programme at rated capacity (I_w)	-	1,035
Washing efficiency index of the eco 40-60 programme at half rated capacity (I_w)	-	1,035
Washing efficiency index of the eco 40-60 programme at quarter rated capacity (I_w)	-	1,035
Rinsing effectiveness of the eco 40-60 programme at rated capacity (I_R)	g/kg	4,9
Rinsing effectiveness of the eco 40-60 programme at half rated capacity (I_R)	g/kg	4,9
Rinsing effectiveness of the eco 40-60 programme at quarter rated capacity (I_R)	g/kg	4,9
Programme duration of the eco 40-60 programme at rated capacity (t_w)	h:min	3:38
Programme duration of the eco 40-60 programme at half rated capacity (t_w)	h:min	2:47
Programme duration of the eco 40-60 programme at quarter rated capacity (t_w)	h:min	2:47
Temperature reached for minimum 5 min inside the load during eco 40-60 programme at rated capacity (T)	°C	41
Temperature reached for minimum 5 min inside the load during eco 40-60 programme at half rated capacity (T)	°C	34
Temperature reached for minimum 5 min inside the load during eco 40-60 programme at quarter rated capacity (T)	°C	25
Spin speed in the spinning phase of the eco 40-60 programme at rated capacity (S)	rpm	1400
Spin speed in the spinning phase of the eco 40-60 programme at half rated capacity (S)	rpm	1400
Spin speed in the spinning phase of the eco 40-60 programme at quarter rated capacity (S)	rpm	1400
Remaining moisture content for the eco 40-60 programme at rated capacity (D_{full})	%	0,0
Remaining moisture content for the eco 40-60 programme at half rated capacity ($D_{1/2}$)	%	0
Remaining moisture content for the eco 40-60 programme at quarter rated capacity ($D_{1/4}$)	%	0,0
Weighted remaining moisture content (D)	%	53,9
Airborne acoustical noise emissions during eco 40-60 programme (spinning phase)	dB(A) re 1 pW	72
Power consumption in 'off mode' (P_o)	W	0,50
Power consumption in 'standby mode' (P_{sm})	W	0,50
Does 'standby mode' include the display of information?	-	No
Power consumption in 'standby mode' (P_{sm}) in condition of networked standby (if applicable)	W	2,00
Power consumption in 'delay start' (P_{ds}) (if applicable)	W	4,00

$$A = -0{,}0391 \times c + 0{,}6918$$
$$B = -0{,}0109 \times c + 0{,}3582$$
$$C = 1 - (A + B)$$
$$E_W = A \times E_{w,full} + B \times E_{w,\frac{1}{2}} + C \times E_{w,\frac{1}{4}}$$
$$SCE_W = -0{,}0025 \times c^2 + 0{,}0846 \times c + 0{,}3920$$
$$EEI_w = \frac{E_w}{SCE_w} \times 100$$

$$E_{w,z} = \frac{1}{n}\sum_{i=1}^{n} W_{w,z,i}$$

$E_{w,z,i}$: energy consumption of test run
$E_{w,z}$: energy consumption of treatment
z: treatment
i: number of test run

$$W_{W,z} = \frac{1}{n}\sum_{i=1}^{n} W_{W,z,i}$$

$W_{w,z,i}$: water consumption of test run
$W_{w,z}$: water consumption of treatment
z: treatment
i: number of test run

$$W_W = A \times W_{W,full} + B \times W_{W,\frac{1}{2}} + C \times W_{W,\frac{1}{4}}$$
$$C_z = \frac{1}{n}\sum_{i=1}^{n} C_{z,i} \quad I_{W,z} = \frac{C_z}{C_{ref}}$$

C:sum of reflectance values
i: test run
z=treatment (full,1/2,1/4)

Cz:The average of the sum of reflectance values for each treatment
Cref= The average of the sum of reflectance values for reference machine

$$Asp_i = Asp_{i,223} - Asp_{i,330} \quad Cs_j = \frac{Asp_{avg,j} - b}{m} \quad Dsw_k = \frac{Ds_j}{Wsw_k} \quad DL_l = Dsw_{avg,l}$$
$$Asp_{avg,j} = \frac{1}{n}\sum_{i=1}^{n} Asp_i \quad Ds_j = Cs_j \times Ws_j \times \frac{1l}{1000g} \quad Dsw_{avg,l} = \frac{1}{n}\sum_{k=1}^{n} Dsw_k \quad R = \frac{1}{n}\sum_{i=1}^{n} DL_l$$

i:speciment
j:sample
n: number of measurement
Aspi: net absorbance for each specimen
Asp,avg: Average absorbance
m: slope of detergent calibration curve
b: intercept detergent calibration curve
Csj: concentration of detergent sample
Wsj: weight of water in sample
Dsj: Mass of detergent recovered from sample
Dswk:Ratio of mass of detergent recovered per gram of test swatch
Dsw,avg: Average Dswk of test run
DLl:Ratio of mass of detergent per kg of load
R: Rinsing effectiveness of all test runs

$$t_w = \frac{1}{n}\sum_{i=1}^{n} t_{w,z,i}$$

t: program duration
i= test run
z: treatment
t_w= duration of treatment

$$x = \frac{300\,s}{sampling\ rate\ (s)}$$

Sort data in descending order and identify x'th data

$$\vartheta_{max,z,i} = \frac{1}{n}\sum_{i=1}^{n} \vartheta_{max,z,i,k}$$
$$\vartheta_{max,z} = \frac{1}{m}\sum_{i=1}^{m} \vartheta_{max,z,i,}$$

θmax,z : max temperature of treatment
θmax,z,i: max temperature of each run
θmax,z,i,k: max temperature of the datalogger
z: treatment
i: test run
k: data logger

$$S_z = \frac{1}{n}\sum_{i=1}^{n} S_{z,i}$$

S_z:max spin speed of treatment
$S_{z,i}$: max spin speed of test run
z: treatment
i: test run

$$D_{1/2,part,i} = \frac{M_{r,1/2,part,i} - M_{part}}{M_{part}} \quad D_{z,i} = \frac{M_{r,z,i} - M_z}{M_z} \quad D_z = \frac{1}{n}\sum_{i=1}^{n} D_{z,i}$$
$$D_{1/2} = \frac{1}{4}\left(D_{1/2,part,A,1} + D_{1/2,part,B,2} + D_{1/2,part,A,3} + D_{1/2,part,B,4}\right)$$

M: mass of conditioned load
$D_{z,i}$: Remaining moisture content of test run
D_z: Remaining moisture content of treatment
M_r: Mass of load at the end of test run
M: Mass of conditioned load
i: test run

$$D = \left[A \times D_{full} + B \times D_{\frac{1}{2}} + C \times D_{\frac{1}{4}}\right]$$