Supplier's name or trade mark:	**Beko**				
Supplier's address :	**Arctic S.A Gaesti, Dambovita, 13 Decembrie Street, No 210, Romania**				
Model identifier:	**WRE 6511 BWW 7329830026**				
General product parameters:					

Parameter	Value		Parameter	Value	
Rated capacity (kg)	6,0		Dimensions in cm	Height	84
				Width	60
				Depth	44
EEI_W	90,5		Energy efficiency class	E	
Washing efficiency index	1,04		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.	0,733		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.	43	
Maximum temperature inside the treated textile (°C)	Rated capacity	42	Remaining moisture content (%)	Rated capacity	62
	Half	31		Half	62
	Quarter	27		Quarter	62
Spin speed (rpm)	Rated capacity	1000	Spin-drying efficiency class	C	
	Half	1000			
	Quarter	1000			
Programme duration (h:min)	Rated capacity	3:17	Type	Free-Standing	
	Half	2:35			
	Quarter	2:35			
Airborne acoustical noise emissions in the spinning phase (dB(A) re 1 pW)	76		Airborne acoustical noise emission class (spinning phase)	B	
Off-mode (W)	0,50		Standby mode (W)	1,00	
Delay start (W) (if applicable)	4,00		Networked standby (W) (if applicable)	NA	

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.beko.com**

Reference to the harmonised or other standards applied	**EN 60456:2016/A11:2020, IEC 60704-2-4:2012**	
Reference to the other technical standards and specifications		
PARAMETER	**UNIT**	**DECLARED/CALCULATED VALUES**
Rated capacity for the eco 40-60 programme, at 0,5 kg intervals (c)	**kg**	**6,0**
Energy consumption of the eco 40-60 programme at rated capacity ($E_{W,full}$)	**kWh/cycle**	**1,050**
Energy consumption of the eco 40-60 programme at half rated capacity ($E_{W,½}$)	**kWh/cycle**	**0,522**
Energy consumption of the eco 40-60 programme at quarter rated capacity ($E_{W,¼}$)	**kWh/cycle**	**0,400**
Weighted energy consumption of the eco 40-60 programme (E_W)	**kWh/cycle**	**0,733**
Standard energy consumption of the eco 40-60 programme (SCE_W)	**kWh/cycle**	**0,810**
Energy Efficiency Index (EEI_W)	**-**	**90,5**
Water consumption of the eco 40-60 programme at rated capacity ($W_{W,full}$)	**L/cycle**	**49,0**
Water consumption of the eco 40-60 programme at half rated capacity ($W_{W,½}$)	**L/cycle**	**40,0**
Water consumption of the eco 40-60 programme at quarter rated capacity ($W_{W,¼}$)	**L/cycle**	**36,0**
Weighted water consumption (W_W)	**L/cycle**	**43**
Washing efficiency index of the eco 40-60 programme at rated capacity (I_W)	**-**	**1,04**
Washing efficiency index of the eco 40-60 programme at half rated capacity (I_W)	**-**	**1,04**
Washing efficiency index of the eco 40-60 programme at quarter rated capacity (I_W)	**-**	**1,04**
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**	**3:17**
Programme duration of the eco 40-60 programme at half rated capacity (t_W)	**h:min**	**2:35**
Programme duration of the eco 40-60 programme at quarter rated capacity (t_W)	**h:min**	**2:35**
Temperature reached for minimum 5 min inside the load during eco 40-60 programme at rated capacity (T)	**°C**	**42**
Temperature reached for minimum 5 min inside the load during eco 40-60 programme at half rated capacity (T)	**°C**	**31**
Temperature reached for minimum 5 min inside the load during eco 40-60 programme at quarter rated capacity (T)	**°C**	**27**
Spin speed in the spinning phase of the eco 40-60 programme at rated capacity (S)	**rpm**	**1000**
Spin speed in the spinning phase of the eco 40-60 programme at half rated capacity (S)	**rpm**	**1000**
Spin speed in the spinning phase of the eco 40-60 programme at quarter rated capacity (S)	**rpm**	**1000**
Remaining moisture content for the eco 40-60 programme at rated capacity (D_{full})	**%**	**62**
Remaining moisture content for the eco 40-60 programme at half rated capacity ($D_{½}$)	**%**	**62**
Remaining moisture content for the eco 40-60 programme at quarter rated capacity ($D_{¼}$)	**%**	**62**
Weighted remaining moisture content (D)	**%**	**62**
Airborne acoustical noise emissions during eco 40-60 programme (spinning phase)	**dB(A) re 1 pW**	**76**
Power consumption in 'off mode' (P_o)	**W**	**0,50**
Power consumption in 'standby mode' (P_{sm})	**W**	**1,00**
Does 'standby mode' include the display of information?	**-**	**YES**
Power consumption in 'standby mode' (P_{sm}) in condition of networked standby (if applicable)	**W**	**NA**
Power consumption in 'delay start' (P_{ds}) (if applicable)	**W**	**4,00**

$A = -0{,}0391\ x\,c + 0{,}6918$
$B = -0{,}0109\ x\,c + 0{,}3582$
$C = 1 - (A + B)$

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

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

$$E_W = A\ x\ E_{W,full} + B\ x\ E_{W,\frac{1}{2}} + C\ x\ E_{W,\frac{1}{4}}$$

$$SCE_W = -0{,}0025\ x\,c^2 + 0{,}0846\ x\,c + 0{,}3920$$

$$EEI_W = \frac{E_W}{SCE_W}\ x\ 100$$

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

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

$$W_W = A\ x\ W_{W,full} + B\ x\ W_{W,\frac{1}{2}} + C\ x\ W_{W,\frac{1}{4}}$$

$$C_Z = \frac{1}{n}\sum_{i=1}^{n} C_{z,i} \qquad I_{W,z} = \frac{C_z}{C_{ref}}$$

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

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

$$Asp_i = Asp_{i,223} - Asp_{i,330} \qquad Cs_j = \frac{Asp_{avg,j} - b}{m} \qquad Dsw_k = \frac{Ds_j}{Wsw_k} \qquad DL_l = Dsw_{avg,l}$$

$$Asp_{avg,J} = \frac{1}{n}\sum_{i=1}^{n} Asp_i \qquad Ds_j = Cs_j\ x\ Ws_j\ x\ \frac{1\ l}{1000\ g} \qquad Dsw_{avg,l} = \frac{1}{n}\sum_{k=1}^{n} Dsw_k \qquad R = \frac{1}{n}\sum_{l=1}^{n} DL_l$$

i:speciment
j:sample
n: number of measurement
Asp,i: net apsorbance for each specimen
Asp,avg: Average absorbance
m:slope of detergent calibration curve
b:intercept detergent of 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

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

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

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

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

$$D_{½,part,i} = \frac{M_{r,½,part,i} - M_{part}}{M_{part}} \qquad D_{z,i} = \frac{M_{r,z,i} - M_z}{M_z} \qquad D_z = \frac{1}{n}\sum_{i=1}^{n} D_{z,i}$$

$$D_{1/2} = \frac{1}{4}(D_{½,part\ A,1} + D_{½,part\ B,2} + D_{½,part\ A,3} + D_{½,part\ B,4})$$

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

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