

Screens

## SAMSUNG EX1920W

Details of the rating:

D-	CSR NOTE	>
C+	LIFE CYCLE NOTE	>
B+	ENERGY CONSUMPTION NOTE	>

EAN Code:

[SEE MANUFACTURER FILE >](#)

[DISCOVER OUR METHODOLOGY >](#)

Price range

# 100 – 200 €

SAMSUNG screen EX1920W is equipped with LCD LED technology and is non-touch.

It is certified TCO, EPEAT and Energy Star.



TCO



EPEAT



ENERGY STAR

## CSR MATURITY



D-

Samsung does not publish a report on the company's societal responsibility, but a sustainability report instead. For all that, this report presents all aspects of the CSR, undertakings with stakeholders, monitoring of GRI recommendations and an audit by the independent firm of PricewaterhouseCoopers. In fact, the report has been validated as an "A" from the point of view of the GRI. Samsung is also the only company which can pride itself on achieving an "A" from the Carbon Disclosure Project, a not for profit company which makes an inventory of information linked to climate changes and companies.

From an international perspective, the company is ranked 90th in the Global 100 and 22nd in the Top 500 "Green Rankings" published by Newsweek.

In 2010, the company reduced its CO2 emissions by 31% with respect to 2008, a reduction which complies with the clean development mechanisms of the United Nations.

Greenpeace welcomes Samsung's efforts relating to the removal of chemicals and gave it 7th place out of 15 in 2011 with a score of 4.1. A fine example of transparency which could have been perfect, if Samsung offered information with as much detail for its products. All the more so as the company claims that it has a level of 91% of eco-products in its ranges and more than 2,210 external environmental certificates associated with them.

However, with regard to end of life and recycling, there is no doubt that Samsung has set up the measures needed. However, for all that, it is difficult to evaluate them due to the lack of information about them.

Socially, the company offers to free up time for staff to get personally involved in causes, whether they are directly supported by a Samsung foundation like "Hope for Children" or independent from the company's activities. Most of these indicators are rising, except for some which are falling, like the employment rate for women in the company. Finally, Samsung condemns conflicts associated with the extraction of raw materials in the Congo.

## LIFE CYCLE



<b>3 years</b> Warranty	<b>3 years</b> Availability of parts
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### PROS

- Electronic fields created by the product limited
- Does not contain PVC in the external parts of the product
- Has no Halogenated Flame Retardants in the external shell
- Does not contain mercury in the light sources
- Has no Halogenated Flame Retardants in the printed circuits

### CONS

- Contains 0% of recycled plastic
- Contains 0% bioplastics

### EXTRACTION OF PRIMARY MATERIALS

Proportion of recycled plastics in the product (%)	<b>0</b>
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Proportion of bioplastics in the product (%)	<b>0</b>
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### MANUFACTURE

Use of CFCs, HCFCs, 1.1.1 trichloroethane or carbon tetrachloride to produce the end product or its component parts within the product	<b>Not communicated</b>
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### DISTRIBUTION

Proportion of recycled cardboard in the packaging (%)	<b>55</b>
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Single material in the packaging	<b>Not communicated</b>
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Packaging without PVC	<b>Not communicated</b>
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## USE

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VOC emissions (mg/h) **Not communicated**

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Electronic fields created by the product limited **Yes**

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## STOCK SHELF LIFE

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Duration of the warranty (years) **3**

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Availability of parts during period (year) **3**

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## END OF LIFE

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Exclusion of substances beyond regulatory requirements **Yes**

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Identification of plastics **Yes**

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Contains REACH substances **Not communicated**

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Contains PVC in the external parts of the product **No**

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Contains Halogenated Flame Retardants in plastics: **No**

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Contains mercury in the light sources in the electronics **No**

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Contains Halogenated Flame Retardants in printed circuits and electronics **No**

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Contains PVC in the electronics **No**

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Presence of surface coating for the plastic parts of the case/top **No**

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Communication on recycling percentage, calculated according to IEC/TR 62635:2012 **No**

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Parts and labels that can be easily separated **Yes**

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Plastic parts of a single material or that are easy to separate **Yes**

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Plastic parts without metallic inlays or that are difficult to extract with the tools currently available **Yes**

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## ENERGY CONSUMPTION



**B+**

**11.7 W**

On-mode power consumption (W)

**0.2 W**

Stand-by consumption (W)

Energy saving device

**Yes**

## TECHNICAL SPECIFICATIONS



Screen resolution (dpi or ppp)	<b>1440 x 900</b>
Screen technology	<b>LCD LED</b>
Response time (in ms)	<b>5</b>
Dimensions HxLxD (mm)	<b>375 x 443 x 179</b>
Weight (kg)	<b>3.5</b>
Screen size (inches)	<b>19</b>
Touch screen	<b>No</b>