Advies nodig? Klik hier

Contactformulier

Casala Curvy

casala®

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ENVIRONMENTAL PRODUCT DECLARATION (EPD)

ACCORDING TO ISO 14025 & 15804+A2

PRODUCT: CURVY 1288/00

casala

Environmental Product Declaration (EPD)

An Environmental Product Declaration (EPD) is a Type III environmental declaration that quantifies environmental information about the life cycle of a product. This can enable comparisons between products fulfilling the same function. The methodology to produce an EPD is based on the full product life cycle assessment (LCA), following the ISO 14040 series of standards.

CURVY 1288/00

With its slender rodsteel frame, Curvy exudes an elegant and transparent character in any space. And that's not all, Curvy is also a very practical chair. Stackable, easy to link and because it is available in several variants, Curvy is also widely applicable. Various models can be stacked up to 45 high on a transport dolly. This means that Curvy requires very little storage space as well. All Curvy plastic seats and backrests are made of 100% recycled material.

Casala's production facility has a solar park which produced 4.5t Kwh in 2023. The remaining energy needed is produced by European Wind as stated by the supplier. The production facility and almost all 3rd parties are ISO 9001 & 14001 certified.

Variant	Plastic back, plastic seat
Base	Welded steel chassis
Finish	Powder coating
Technical life span	15 years
Dimensions (HxLxW)	83 x 57 x 49 cm
Weight	7.2 kg
Packaging weight	0.1 kg

GLOBAL WARMING POTENTIAL

To quantify and compare results, we use the Global Warming Potential (GWP) expressed in kg CO_2-equivalent. This is a measurement method for finding out the amount of energy required to emit 1 tonne of a gas, which is absorbed over a 100-year period. The greater the GWP, the more a particular gas warms the earth.

To comply with EN ISO 15804+A2, Casala uses the 'cradle to grave' assessment for their EPD files. The assessment covers the full life cycle of a product; from production phase to use, followed by recycling or disposal. Other EPD files often only use the 'cradle to gate' assessment, which only covers the production phase.

GWP per unit (Cradle to Grave)	20.624 kg CO_2eq.
GWP per unit (Cradle to Gate)	16.284 kg CO_2eq.
Average GWP for contract chairs according to the Furniture Industry Research Association (Cradle to Gate)	27.000 kg CO_2eq.

THE ASSUMED PERCENTAGE OF WASTE PROCESSING

Landfill	6.19 %
Incineration	30.26 %
Recycling	62.03 %
Re-use	1.50 %

DOCUMENT INFORMATION

Calculation number	ReTHiNK-76491
Declaration owner	Casala
Publisher	Casala
Program operator	Casaro
LCA software	NIBE - R<THINK LCA
Status	Valid

ENVIRONMENTAL PRODUCT DECLARATION (EPD)

ACCORDING TO ISO 14025 & 15804+A2

PRODUCT: CURVY 1288/10

casala

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CURVY 1288/10

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Casala's production facility has a solar park which produced 4.5t Kwh in 2023. The remaining energy needed is produced by European Wind as stated by the supplier. The production facility and almost all 3rd parties are ISO 9001 & 14001 certified.

Variant	Plastic back, plastic seat, with armrests
Base	Welded steel chassis
Finish	Powder coating
Technical life span	15 years
Dimensions (HxLxW)	83 x 57 x 49 cm
Weight	8.1 kg
Packaging weight	0.1 kg

GLOBAL WARMING POTENTIAL

To quantify and compare results, we use the Global Warming Potential (GWP) expressed in kg CO_2-equivalent. This is a measurement method for finding out the amount of energy required to emit 1 tonne of a gas, which is absorbed over a 100-year period. The greater the GWP, the more a particular gas warms the earth.

To comply with EN ISO 15804+A2, Casala uses the 'cradle to grave' assessment for their EPD files. The assessment covers the full life cycle of a product; from production phase to use, followed by recycling or disposal. Other EPD files often only use the 'cradle to gate' assessment, which only covers the production phase.

GWP per unit (Cradle to Grave)	23.088 kg CO_2eq.
GWP per unit (Cradle to Gate)	18.863 kg CO_2eq.
Average GWP for contract chairs according to the Furniture Industry Research Association (Cradle to Gate)	27.000 kg CO_2eq.

THE ASSUMED PERCENTAGE OF WASTE PROCESSING

Landfill	6.32 %
Incineration	29.72 %
Recycling	62.57 %
Re-use	1.40 %

DOCUMENT INFORMATION

Calculation number	ReTHiNK-77105
Declaration owner	Casala
Publisher	Casala
Program operator	Casaro
LCA software	NIBE - R<THINK LCA
Status	Valid

ENVIRONMENTAL PRODUCT DECLARATION (EPD)

ACCORDING TO ISO 14025 & 15804+A2

PRODUCT: CURVY 1289/00

casala

Environmental Product Declaration (EPD)

An Environmental Product Declaration (EPD) is a Type III environmental declaration that quantifies environmental information about the life cycle of a product. This can enable comparisons between products fulfilling the same function. The methodology to produce an EPD is based on the full product life cycle assessment (LCA), following the ISO 14040 series of standards.

CURVY 1289/00

With its slender rodsteel frame, Curvy exudes an elegant and transparent character in any space. And that's not all, Curvy is also a very practical chair. Stackable, easy to link and because it is available in several variants, Curvy is also widely applicable. Various models can be stacked up to 45 high on a transport dolly. This means that Curvy requires very little storage space as well. All Curvy plastic seats and backrests are made of 100% recycled material.

Casala's production facility has a solar park which produced 4.5t Kwh in 2023. The remaining energy needed is produced by European Wind as stated by the supplier. The production facility and almost all 3rd parties are ISO 9001 & 14001 certified.

Variant	Plastic back, upholstered seat
Base	Welded steel chassis
Finish	Powder coating
Technical life span	15 years
Dimensions (HxLxW)	83 x 57 x 49 cm
Weight	7.9 kg
Packaging weight	0.1 kg

GLOBAL WARMING POTENTIAL

To quantify and compare results, we use the Global Warming Potential (GWP) expressed in kg CO_2-equivalent. This is a measurement method for finding out the amount of energy required to emit 1 tonne of a gas, which is absorbed over a 100-year period. The greater the GWP, the more a particular gas warms the earth.

To comply with EN ISO 15804+A2, Casala uses the 'cradle to grave' assessment for their EPD files. The assessment covers the full life cycle of a product; from production phase to use, followed by recycling or disposal. Other EPD files often only use the 'cradle to gate' assessment, which only covers the production phase.

GWP per unit (Cradle to Grave)	20.228 kg CO_2eq.
GWP per unit (Cradle to Gate)	16.343 kg CO_2eq.
Average GWP for contract chairs according to the Furniture Industry Research Association (Cradle to Gate)	27.000 kg CO_2eq.

THE ASSUMED PERCENTAGE OF WASTE PROCESSING

Landfill	5.82 %
Incineration	36.67 %
Recycling	56.13 %
Re-use	1.37 %

DOCUMENT INFORMATION

Calculation number	ReTHiNK-83020
Declaration owner	Casala
Publisher	Casala
Program operator	Casaro
LCA software	NIBE - R<THINK LCA
Status	Valid

ENVIRONMENTAL PRODUCT DECLARATION (EPD)

ACCORDING TO ISO 14025 & 15804+A2

PRODUCT: CURVY 1289/10

casala

Environmental Product Declaration (EPD)

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CURVY 1289/10

With its slender rodsteel frame, Curvy exudes an elegant and transparent character in any space. And that's not all, Curvy is also a very practical chair. Stackable, easy to link and because it is available in several variants, Curvy is also widely applicable. Various models can be stacked up to 45 high on a transport dolly. This means that Curvy requires very little storage space as well. All Curvy plastic seats and backrests are made of 100% recycled material.

Casala's production facility has a solar park which produced 4.5t Kwh in 2023. The remaining energy needed is produced by European Wind as stated by the supplier. The production facility and almost all 3rd parties are ISO 9001 & 14001 certified.

Variant	Plastic back, upholstered seat, with armrests
Base	Welded steel chassis
Finish	Powder coating
Technical life span	15 years
Dimensions (HxLxW)	83 x 57 x 49 cm
Weight	8.8 kg
Packaging weight	0.1 kg

GLOBAL WARMING POTENTIAL

To quantify and compare results, we use the Global Warming Potential (GWP) expressed in kg CO_2-equivalent. This is a measurement method for finding out the amount of energy required to emit 1 tonne of a gas, which is absorbed over a 100-year period. The greater the GWP, the more a particular gas warms the earth.

To comply with EN ISO 15804+A2, Casala uses the 'cradle to grave' assessment for their EPD files. The assessment covers the full life cycle of a product; from production phase to use, followed by recycling or disposal. Other EPD files often only use the 'cradle to gate' assessment, which only covers the production phase.

GWP per unit (Cradle to Grave)	21.530 kg CO_2eq.
GWP per unit (Cradle to Gate)	17.835 kg CO_2eq.
Average GWP for contract chairs according to the Furniture Industry Research Association (Cradle to Gate)	27.000 kg CO_2eq.

THE ASSUMED PERCENTAGE OF WASTE PROCESSING

Landfill	5.84 %
Incineration	35.16 %
Recycling	57.70 %
Re-use	1.30 %

DOCUMENT INFORMATION

Calculation number	ReTHiNK-83135
Declaration owner	Casala
Publisher	Casala
Program operator	Casaro
LCA software	NIBE - R<THINK LCA
Status	Valid

ENVIRONMENTAL PRODUCT DECLARATION (EPD)

ACCORDING TO ISO 14025 & 15804+A2

PRODUCT: CURVY 2288/00

casala

Environmental Product Declaration (EPD)

An Environmental Product Declaration (EPD) is a Type III environmental declaration that quantifies environmental information about the life cycle of a product. This can enable comparisons between products fulfilling the same function. The methodology to produce an EPD is based on the full product life cycle assessment (LCA), following the ISO 14040 series of standards.

CURVY 2288/00

With its slender rodsteel frame, Curvy exudes an elegant and transparent character in any space. And that's not all, Curvy is also a very practical chair. Stackable, easy to link and because it is available in several variants, Curvy is also widely applicable. Various models can be stacked up to 45 high on a transport dolly. This means that Curvy requires very little storage space as well. All Curvy plastic seats and backrests are made of 100% recycled material.

Casala's production facility has a solar park which produced 4.5t Kwh in 2023. The remaining energy needed is produced by European Wind as stated by the supplier. The production facility and almost all 3rd parties are ISO 9001 & 14001 certified.

Variant	Upholstered back, upholstered seat
Base	Welded steel chassis
Finish	Powder coating
Technical life span	15 years
Dimensions (HxLxW)	83 x 57 x 49 cm
Weight	8.2 kg
Packaging weight	0.1 kg

GLOBAL WARMING POTENTIAL

To quantify and compare results, we use the Global Warming Potential (GWP) expressed in kg CO_2-equivalent. This is a measurement method for finding out the amount of energy required to emit 1 tonne of a gas, which is absorbed over a 100-year period. The greater the GWP, the more a particular gas warms the earth.

To comply with EN ISO 15804+A2, Casala uses the 'cradle to grave' assessment for their EPD files. The assessment covers the full life cycle of a product; from production phase to use, followed by recycling or disposal. Other EPD files often only use the 'cradle to gate' assessment, which only covers the production phase.

GWP per unit (Cradle to Grave)	21.590 kg CO_2eq.
GWP per unit (Cradle to Gate)	19.882 kg CO_2eq.
Average GWP for contract chairs according to the Furniture Industry Research Association (Cradle to Gate)	27.000 kg CO_2eq.

THE ASSUMED PERCENTAGE OF WASTE PROCESSING

Landfill	6.07 %
Incineration	38.04 %
Recycling	54.56 %
Re-use	1.33 %

DOCUMENT INFORMATION

Calculation number	ReTHiNK-77844
Declaration owner	Casala
Publisher	Casala
Program operator	Casaro
LCA software	NIBE - R<THINK LCA
Status	Valid

ENVIRONMENTAL PRODUCT DECLARATION (EPD)

ACCORDING TO ISO 14025 & 15804+A2

PRODUCT: CURVY 2288/10

casala

Environmental Product Declaration (EPD)

An Environmental Product Declaration (EPD) is a Type III environmental declaration that quantifies environmental information about the life cycle of a product. This can enable comparisons between products fulfilling the same function. The methodology to produce an EPD is based on the full product life cycle assessment (LCA), following the ISO 14040 series of standards.

CURVY 2288/10

With its slender rodsteel frame, Curvy exudes an elegant and transparent character in any space. And that's not all, Curvy is also a very practical chair. Stackable, easy to link and because it is available in several variants, Curvy is also widely applicable. Various models can be stacked up to 45 high on a transport dolly. This means that Curvy requires very little storage space as well. All Curvy plastic seats and backrests are made of 100% recycled material.

Casala's production facility has a solar park which produced 4.5t Kwh in 2023. The remaining energy needed is produced by European Wind as stated by the supplier. The production facility and almost all 3rd parties are ISO 9001 & 14001 certified.

Variant	Upholstered back, upholstered seat, with armrests
Base	Welded steel chassis
Finish	Powder coating
Technical life span	15 years
Dimensions (HxLxW)	83 x 57 x 49 cm
Weight	9.0 kg
Packaging weight	0.1 kg

GLOBAL WARMING POTENTIAL

To quantify and compare results, we use the Global Warming Potential (GWP) expressed in kg CO_2-equivalent. This is a measurement method for finding out the amount of energy required to emit 1 tonne of a gas, which is absorbed over a 100-year period. The greater the GWP, the more a particular gas warms the earth.

To comply with EN ISO 15804+A2, Casala uses the 'cradle to grave' assessment for their EPD files. The assessment covers the full life cycle of a product; from production phase to use, followed by recycling or disposal. Other EPD files often only use the 'cradle to gate' assessment, which only covers the production phase.

GWP per unit (Cradle to Grave)	23.028 kg CO_2eq.
GWP per unit (Cradle to Gate)	21.480 kg CO_2eq.
Average GWP for contract chairs according to the Furniture Industry Research Association (Cradle to Gate)	27.000 kg CO_2eq.

THE ASSUMED PERCENTAGE OF WASTE PROCESSING

Landfill	6.06 %
Incineration	36.44 %
Recycling	56.23 %
Re-use	1.27 %

DOCUMENT INFORMATION

Calculation number	ReTHiNK-78003
Declaration owner	Casala
Publisher	Casala
Program operator	Casaro
LCA software	NIBE - R<THINK LCA
Status	Valid

ENVIRONMENTAL PRODUCT DECLARATION (EPD)

ACCORDING TO ISO 14025 & 15804+A2

PRODUCT: CURVY 3289/00

casala

Environmental Product Declaration (EPD)

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CURVY 3289/00

With its slender rodsteel frame, Curvy exudes an elegant and transparent character in any space. And that's not all, Curvy is also a very practical chair. Stackable, easy to link and because it is available in several variants, Curvy is also widely applicable. Various models can be stacked up to 45 high on a transport dolly. This means that Curvy requires very little storage space as well.

Casala's production facility has a solar park which produced 4.5t Kwh in 2023. The remaining energy needed is produced by European Wind as stated by the supplier. The production facility and almost all 3rd parties are ISO 9001 & 14001 certified.

Variant	Natural beech back, upholstered seat
Base	Welded steel chassis
Finish	Powder coating
Technical life span	15 years
Dimensions (HxLxW)	83 x 57 x 49 cm
Weight	8.0 kg
Packaging weight	0.1 kg

GLOBAL WARMING POTENTIAL

To quantify and compare results, we use the Global Warming Potential (GWP) expressed in kg CO_2-equivalent. This is a measurement method for finding out the amount of energy required to emit 1 tonne of a gas, which is absorbed over a 100-year period. The greater the GWP, the more a particular gas warms the earth.

To comply with EN ISO 15804+A2, Casala uses the 'cradle to grave' assessment for their EPD files. The assessment covers the full life cycle of a product; from production phase to use, followed by recycling or disposal. Other EPD files often only use the 'cradle to gate' assessment, which only covers the production phase.

GWP per unit (Cradle to Grave)	15.660 kg CO_2eq.
GWP per unit (Cradle to Gate)	13.738 kg CO_2eq.
Average GWP for contract chairs according to the Furniture Industry Research Association (Cradle to Gate)	27.000 kg CO_2eq.

THE ASSUMED PERCENTAGE OF WASTE PROCESSING

Landfill	4.82 %
Incineration	39.01 %
Recycling	54.79 %
Re-use	1.36 %

DOCUMENT INFORMATION

Calculation number	ReTHiNK-83834
Declaration owner	Casala
Publisher	Casala
Program operator	Casaro
LCA software	NIBE - R<THINK LCA
Status	Valid