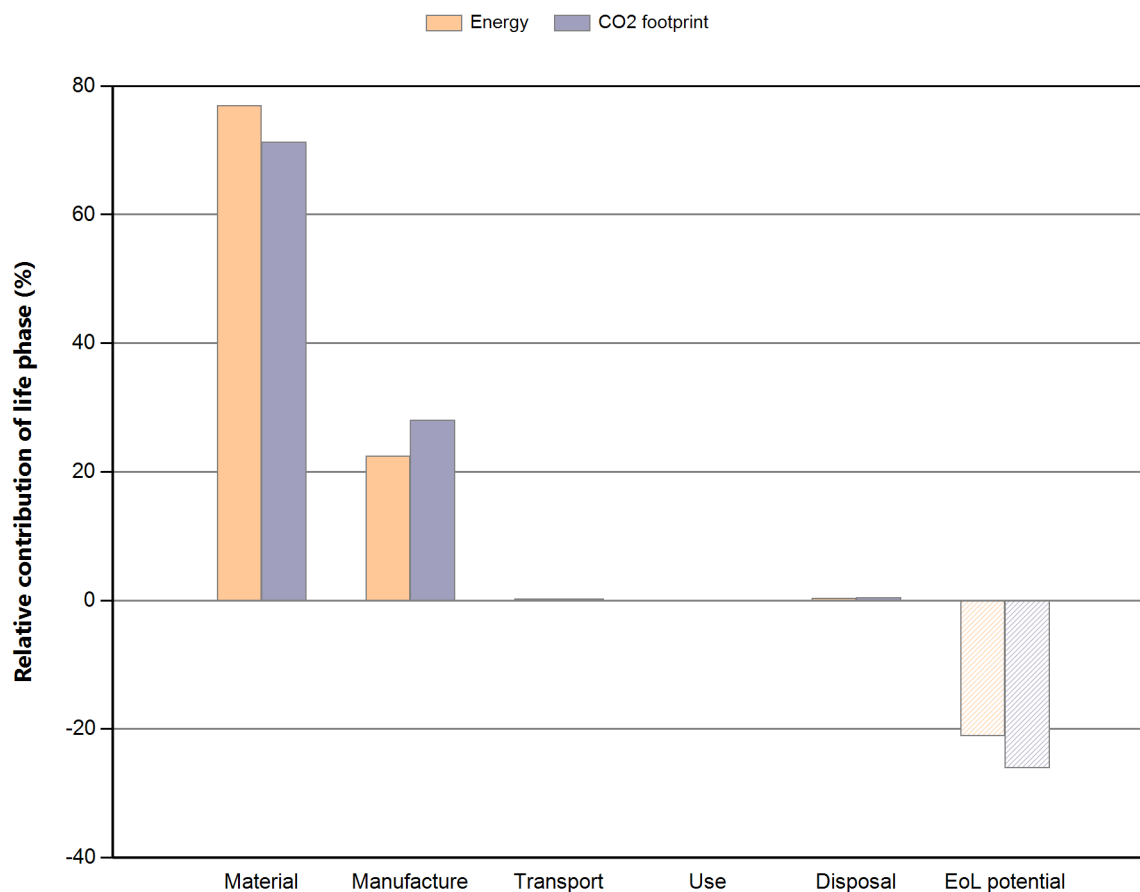


## Eco Audit Report

Product name: Beschermkap Polycarbonaat  
Country of use: Netherlands  
Product life (years): 3

### Summary:



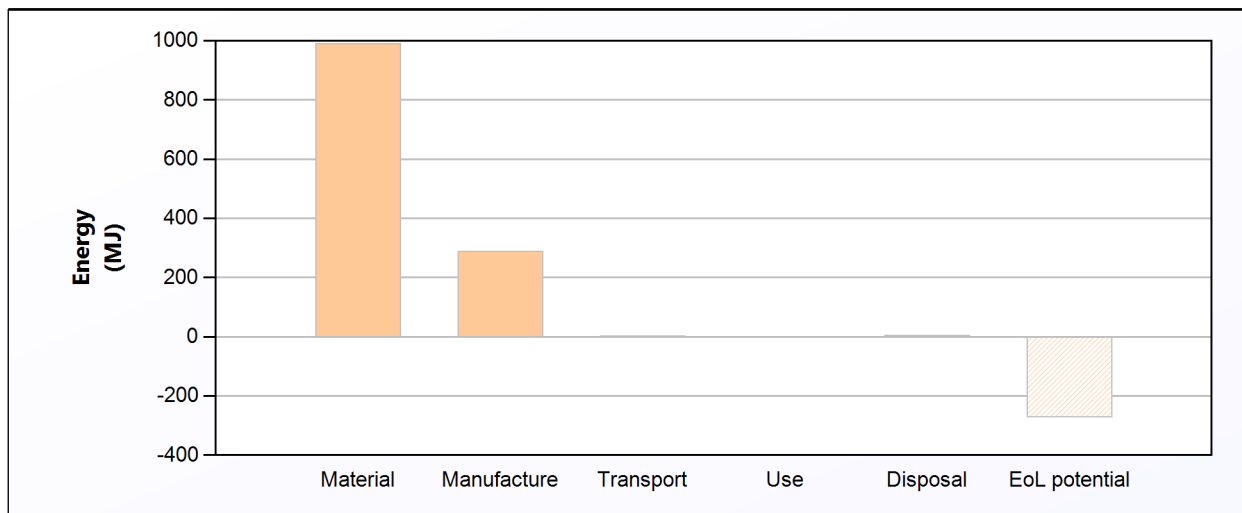
[Energy details](#)

[CO2 footprint details](#)

Phase	Energy (MJ)	Energy (%)	CO2 footprint (kg)	CO2 footprint (%)
Material	991	77,0	55,1	71,3
Manufacture	289	22,4	21,7	28,0
Transport	3,02	0,2	0,218	0,3
Use	0	0,0	0	0,0
Disposal	4,58	0,4	0,321	0,4
Total (for first life)	1,29e+03	100	77,3	100
End of life potential	-272		-20,1	

## Energy Analysis

[Summary](#)



	Energy (MJ/year)
Equivalent annual environmental burden (averaged over 3 year product life):	429

## Detailed breakdown of individual life phases

### Material:

[Summary](#)

Component	Material	Recycled content* (%)	Part mass (kg)	Qty.	Total mass (kg)	Energy (MJ)	%
Beschermkap (1000x1000x5)	Polycarbonate (PC)	Virgin (0%)	6,1	1	6,1	6,4e+02	64,9
Frame	Stainless steel	Virgin (0%)	4,8	1	4,8	3,5e+02	35,1
Total				2	11	9,9e+02	100

\*Typical: Includes 'recycle fraction in current supply'

### Manufacture:

[Summary](#)

Component	Process	Amount processed	Energy (MJ)	%
Beschermkap (1000x1000x5)	Polymer molding	6,1 kg	1,1e+02	39,2
Frame	Wire drawing	4,8 kg	1,8e+02	60,8
Total			2,9e+02	100

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## Transport:

[Summary](#)

### Breakdown by transport stage

Stage name	Transport type	Distance (km)	Energy (MJ)	%
Bus Beschermkap	Light goods vehicle	75	1,8	59,5
vrachtwagen metaal	14 tonne (2 axle) truck	75	1,2	40,5
Total		1,5e+02	3	100

### Breakdown by components

Component	Mass (kg)	Energy (MJ)	%
Beschermkap (1000x1000x5)	6,1	1,7	56,0
Frame	4,8	1,3	44,0
Total	11	3	100

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## Use:

[Summary](#)

### Relative contribution of static and mobile modes

Mode	Energy (MJ)	%
Static	0	
Mobile	0	
Total	0	100

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## Disposal:

[Summary](#)

Component	End of life option	Energy (MJ)	%
Beschermkap (1000x1000x5)	Landfill	1,2	26,6
Frame	Recycle	3,4	73,4
Total		4,6	100

## EoL potential:

Component	End of life option	Energy (MJ)	%
Beschermkap (1000x1000x5)	Landfill	0	0,0
Frame	Recycle	-2,7e+02	100,0
Total		-2,7e+02	100

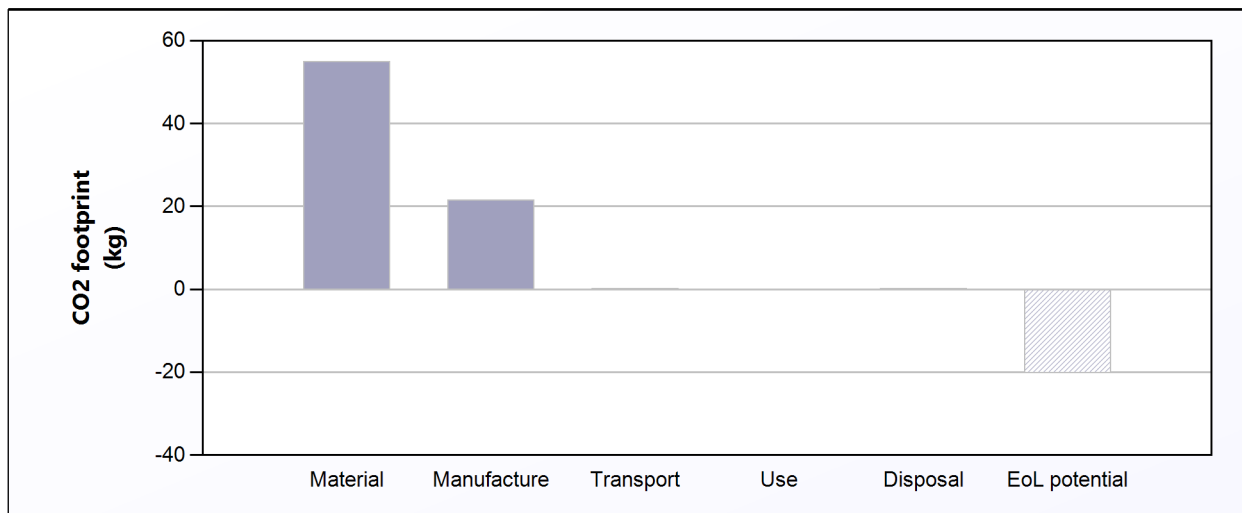
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## Notes:

[Summary](#)

## CO2 Footprint Analysis

[Summary](#)



	CO2 (kg/year)
Equivalent annual environmental burden (averaged over 3 year product life):	25,8

## Detailed breakdown of individual life phases

### Material:

[Summary](#)

Component	Material	Recycled content* (%)	Part mass (kg)	Qty.	Total mass (kg)	CO2 footprint (kg)	%
Beschermkap (1000x1000x5)	Polycarbonate (PC)	Virgin (0%)	6,1	1	6,1	29	52,6
Frame	Stainless steel	Virgin (0%)	4,8	1	4,8	26	47,4
Total				2	11	55	100

\*Typical: Includes 'recycle fraction in current supply'

### Manufacture:

[Summary](#)

Component	Process	Amount processed	CO2 footprint (kg)	%
Beschermkap (1000x1000x5)	Polymer molding	6,1 kg	8,5	39,1
Frame	Wire drawing	4,8 kg	13	60,9
Total			22	100

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## Transport:

[Summary](#)

### Breakdown by transport stage

Stage name	Transport type	Distance (km)	CO2 footprint (kg)	%
Bus Beschermkap	Light goods vehicle	75	0,13	59,5
vrachtwagen metaal	14 tonne (2 axle) truck	75	0,088	40,5
Total		1,5e+02	0,22	100

### Breakdown by components

Component	Mass (kg)	CO2 footprint (kg)	%
Beschermkap (1000x1000x5)	6,1	0,12	56,0
Frame	4,8	0,096	44,0
Total	11	0,22	100

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## Use:

[Summary](#)

### Relative contribution of static and mobile modes

Mode	CO2 footprint (kg)	%
Static	0	
Mobile	0	
Total	0	100

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## Disposal:

[Summary](#)

Component	End of life option	CO2 footprint (kg)	%
Beschermkap (1000x1000x5)	Landfill	0,085	26,6
Frame	Recycle	0,24	73,4
Total		0,32	100

## EoL potential:

Component	End of life option	CO2 footprint (kg)	%
Beschermkap (1000x1000x5)	Landfill	0	0,0
Frame	Recycle	-20	100,0
Total		-20	100

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## Notes:

[Summary](#)