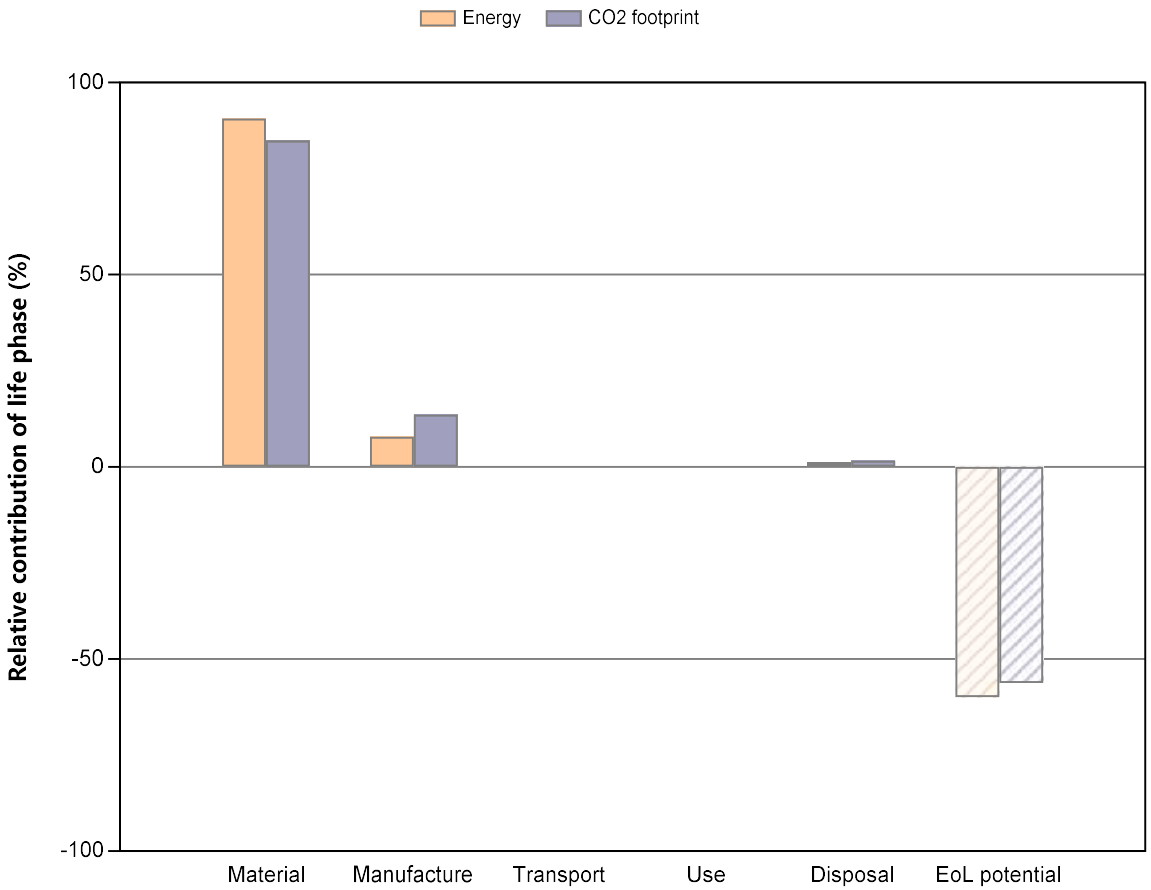
Eco Audit Report

Product name	Core PP
Country of use	Europe
Product life (years)	1

Summary:

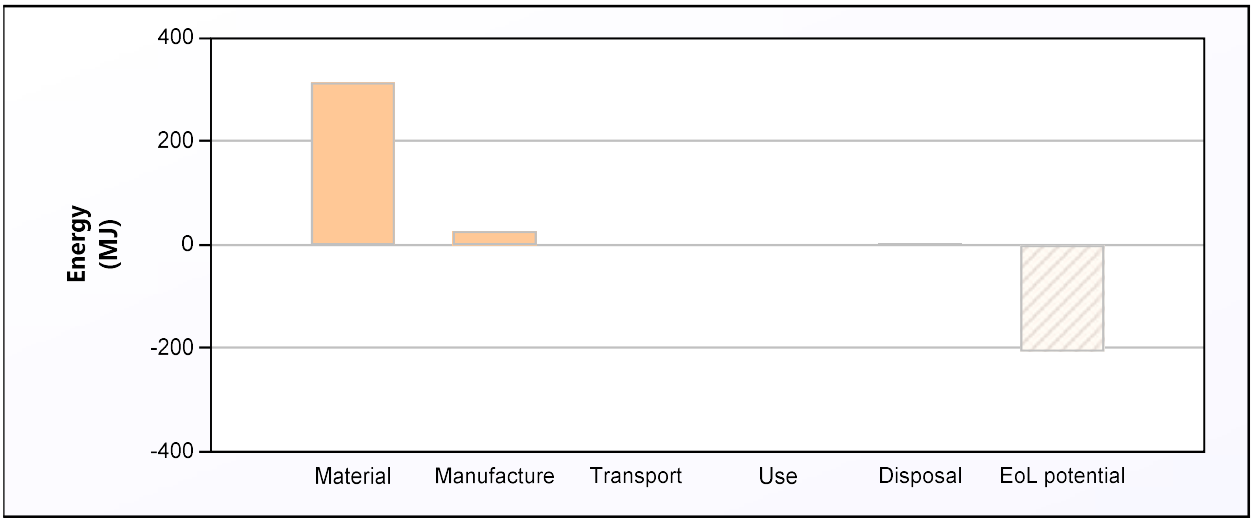


Energy details CO2 footprint details

Phase	Energy (MJ)	Energy (%)	CO2 footprint (kg)	CO2 footprint (%)
Material	312	90,9	13,1	85,0
Manufacture	27,9	8,1	2,09	13,5
Transport	0	0,0	0	0,0
Use	0	0,0	0	0,0
Disposal	3,16	0,9	0,221	1,4
Total (for first life)	**343**	**100**	**15,4**	**100**
End of life potential	-206		-8,68	

Energy Analysis

Summary



	Energy (MJ/year)
Equivalent annual environmental burden (averaged over 1 year product life):	343

Detailed breakdown of individual life phases

Material:

Summary

Component	Material	Recycled content* (%)	Part mass (kg)	Qty.	Total mass (kg)	Energy (MJ)	%
Core PP	Polypropylene (PP)	Virgin (0%)	0,56	8	4,5	3,1e+02	100,0
Total				**8**	**4,5**	**3,1e+02**	**100**

*Typical: Includes 'recycle fraction in current supply'

Manufacture:

Summary

Component	Process	Amount processed	Energy (MJ)	%
Core PP	Polymer extrusion	4,5 kg	28	100,0
Total			**28**	**100**

Transport:

Summary

Breakdown by transport stage

Stage name	Transport type	Distance (km)	Energy (MJ)	%
Total				**100**

Breakdown by components

Component	Mass (kg)	Energy (MJ)	%
Core PP	4,5	0	
Total	**4,5**	**0**	**100**

Use:

Summary

Relative contribution of static and mobile modes

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

Disposal:

Summary

Component	End of life option	Energy (MJ)	%
Core PP	Recycle	3,2	100,0
Total		**3,2**	**100**

EoL potential:

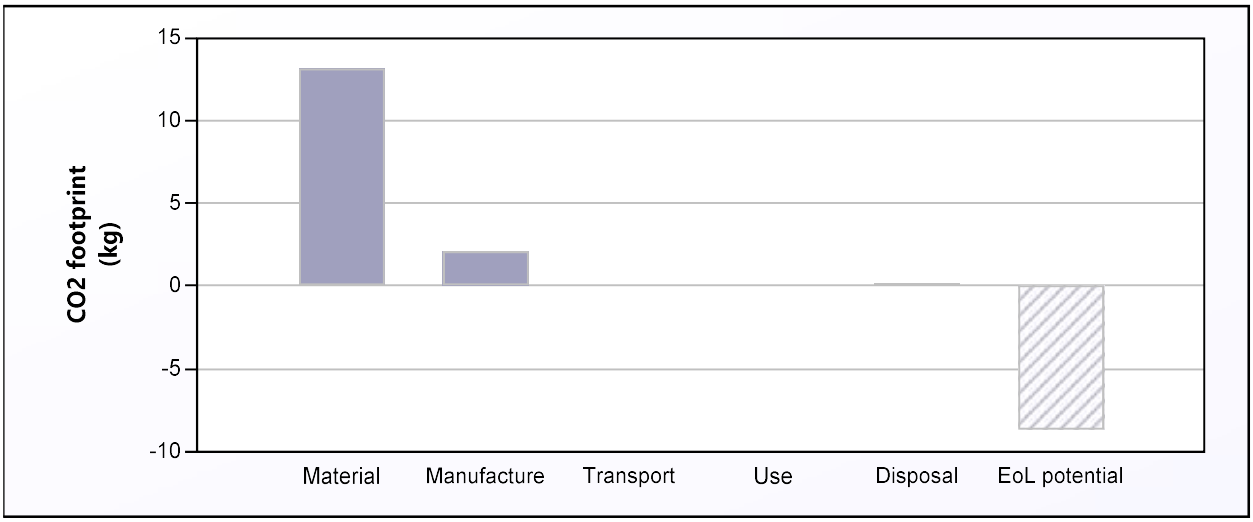
Component	End of life option	Energy (MJ)	%
Core PP	Recycle	-2,1e+02	100,0
Total		**-2,1e+02**	**100**

Notes:

Summary

CO2 Footprint Analysis

Summary



	CO2 (kg/year)
Equivalent annual environmental burden (averaged over 1 year product life):	15,4

Detailed breakdown of individual life phases

Material:

Summary

Component	Material	Recycled content* (%)	Part mass (kg)	Qty.	Total mass (kg)	CO2 footprint (kg)	%
Core PP	Polypropylene (PP)	Virgin (0%)	0,56	8	4,5	13	100,0
Total				**8**	**4,5**	**13**	**100**

*Typical: Includes 'recycle fraction in current supply'

Manufacture:

Summary

Component	Process	Amount processed	CO2 footprint (kg)	%
Core PP	Polymer extrusion	4,5 kg	2,1	100,0
Total			**2,1**	**100**

Transport:

Summary

Breakdown by transport stage

Stage name	Transport type	Distance (km)	CO2 footprint (kg)	%
Total				**100**

Breakdown by components

Component	Mass (kg)	CO2 footprint (kg)	%
Core PP	4,5	0	
Total	**4,5**	**0**	**100**

Use:

Summary

Relative contribution of static and mobile modes

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

Disposal:

Summary

Component	End of life option	CO2 footprint (kg)	%
Core PP	Recycle	0,22	100,0
Total		**0,22**	**100**

EoL potential:

Component	End of life option	CO2 footprint (kg)	%
Core PP	Recycle	-8,7	100,0
Total		**-8,7**	**100**

Notes:

Summary