

Carbon Footprint Report

2022-06-03 Version 1

Summary

Table 1: Summary Table

Name of producing company	AP Works
Name of the component/part part number	Scalmalloy part/AP12345
Name, city and country of your manufacturing site(s) where it is produced	APWORKS GmbH, Taufkirchen 82024, Germany
Date of publication and last revision	2021-04-23
Version number of guideline that has been followed	Version 1.1
Schedule for renewal	25 years
Name and email address of the person in charge of the carbon footprint calculation	John.Dow@personincharge.com
Declared unit	1
Is there anything related to your specific part that needs further clarification?	No

Technical specification of the component

Reference service life (RSL): 25 years



Figure 1: Scalmalloy parts

Table 2: Technical specification of the component

	Weight (kg)	Name of the production sites and country	Biobased content (in %)	Recycled content (in %)	Is it possible to dismantle and recycle the material at the end of life?
Scalmalloy powder	200g	Germany	0%	50%	Yes
Component (Total)	200g		0%	50%	

System boundary

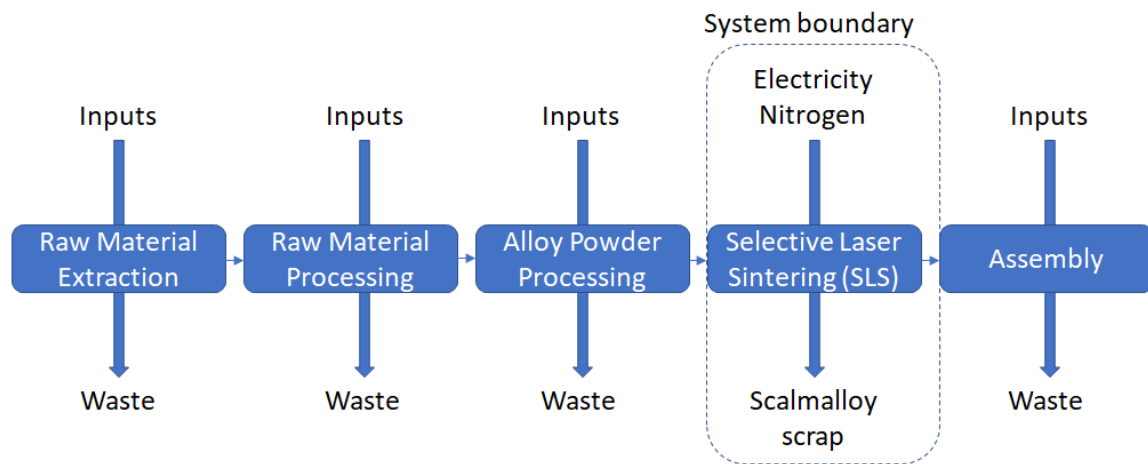


Figure 2: Flowchart with system boundaries

Allocation

Allocation chosen and in which process step: none
 Explanation of why this allocation was chosen: n/a

Data Sources

Table 1: Documentation of specific and generic datasets used in this study

Process/material	Geographical scope	Dataset	Database	Date
Selective laser sintering (SLS)	Production site Germany	In-house	In-house	2017

Results

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