

EUFSI LCA Report

Project Information

Project Name:	Minimal Input Test
Industry:	Textile
Scope:	Cradle To Gate
Database:	USLCI
Method:	ReCiPe
Product Weight:	250.0 grams

Environmental Impact Results

Impact Category	Value	Unit
Climate Change	2.433750	kg CO2 eq
Ozone Depletion	0.000002	kg CFC-11 eq
Terrestrial Acidification	0.024338	kg SO2 eq
Freshwater Eutrophication	0.002434	kg P eq
Marine Eutrophication	0.012169	kg N eq
Human Toxicity	0.243375	kg 1,4-DB eq
Photochemical Oxidant Formation	0.012169	kg NMVOC
Particulate Matter Formation	0.002434	kg PM10 eq
Terrestrial Ecotoxicity	0.024338	kg 1,4-DB eq
Freshwater Ecotoxicity	0.121688	kg 1,4-DB eq
Marine Ecotoxicity	0.073013	kg 1,4-DB eq
Ionising Radiation	0.243375	kg U235 eq
Agricultural Land Occupation	12.168750	m2a
Urban Land Occupation	1.216875	m2a
Natural Land Transformation	0.024338	m2
Water Depletion	121.687500	m3

Metal Depletion	0.243375	kg Fe eq
Fossil Depletion	4.867500	kg oil eq

Contribution by Life Cycle Stage

Life Cycle Stage	Contribution (kg CO2 eq)	Percentage
Raw Materials	1.0021	41.2%
Yarn Production	0.2863	11.8%
Fabric Production	0.4295	17.6%
Dyeing Finishing	0.4295	17.6%
Manufacturing	0.1432	5.9%
Transport	0.1432	5.9%

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