LIFE CYCLE ASSESSMENT DATA

COPPER WIRE

Material: Copper
Product: Wire (high grade)
Unit: Metre
Context: Cradle-to-gate

1 mm² section

Modelling Parameters

Process
Mining: Global
Refining/smelting: European
Fabricating: European
Recycling: European

Allocation of Byproducts
Gold (by value)
Molybdenum (by value)
Nickel sulphate (by value)
Silver (by value)
Sulphuric acid (by value)
Steam (not allocated)

Results

Primary Energy Consumption
Global Warming Potential
Acidification Potential
Eutrophication Potential
Ozone Depletion Potential
Photochemical Ozone Creation Potential

0.000472 GJ/m
0.0378 kg CO₂ equiv/m
0.00027 kg SO₂ equiv/m
0.000016 kg PO₄ equiv/m
1.46 E-09 kg R11 equiv/m
0.000016 kg Ethene equiv/m

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