

## Functional Unit

|                   |               |
|-------------------|---------------|
| Scenario name:    | PJO           |
| Product:          | Dylan Gel Pen |
| Primary Material: |               |
| Scope:            | Cradle - Gate |

## Total Results

 GHG  
(kg Co2-eq)

0.1958

 Water Use  
(m3 world eq. deprived)

0.0776

 Land Use  
(points)

0.7500

## Main Environmental Indicators

 GHG  
Kg Co2-eq

The increase in the average global temperatures for 100 years as result of greenhouse gas (GHG) emissions. The greatest contributor is generally the combustion of fossil fuels such as coal, oil, and natural gas. Divided into 3 subcategories based on the emission source: (1) fossil resources, (2) bio-based resources, and (3) land use change.

|            |         |           |
|------------|---------|-----------|
| Results:   | 0.1958  | Kg Co2-eq |
| Benchmark: | 0.1914  | Kg Co2-eq |
| Savings %: | -2.3032 |           |
| Avoided:   | -0.0044 | Kg Co2-eq |

 Water Use  
m3 world eq. deprived

The withdrawal of water from lakes, rivers or groundwater can contribute to the 'depletion' of available water. The impact category considers the availability or scarcity of water in the regions where the activity takes place, if this information is known.

|            |         |                                   |
|------------|---------|-----------------------------------|
| Results:   | 0.0776  | m <sup>3</sup> world eq. deprived |
| Benchmark: | 0.0773  | m <sup>3</sup> world eq. deprived |
| Savings %: | -0.3354 |                                   |
| Avoided:   | -0.0003 | m <sup>3</sup> world eq. deprived |

 Land Use  
Points

Use and transformation of land for agriculture, roads, housing, mining or other purposes. The impacts can vary and include loss of species, of the organic matter content of soil, or loss of the soil itself (erosion). This is a composite indicator measuring impacts on four soil properties (biotic production, erosion resistance, groundwater regeneration and mechanical filtration).

|            |         |        |
|------------|---------|--------|
| Results:   | 0.7500  | Points |
| Benchmark: | 0.7031  | Points |
| Savings %: | -6.6813 |        |
| Avoided:   | -0.0469 | Points |