Renault Clio
TCe 100 petrol 4x2 manual

Vehicle Specifications

- Green NCAP Publication Date: 11 2020
- Fuel: Petrol E10
- Mass: 1,143 kg
- System Power/Torque: 74 kW/160 Nm
- Emissions Class: Euro 6d-Temp

Vehicle Life Cycle Average Emissions: 195.6 g CO2-eq/km

Process Chain - Petrol Powertrain

- Primary Energy Demand
  - Energy Materials 1
  - Fuel Materials 1
  - Energy Materials 1
  - Fuel/Energy Supply 1
  - Energy Materials 1

- Secondary Energy Demand
  - Direct CO2 & CH4 Emissions
  - Extraction
  - Transport
  - Refinery
  - Distribution
  - Vehicle (Conventional)

Default Assessment Parameters

- Country | Electricity Mix
  - EU Average

- Annual Kilometers: 15,000 km

- Vehicle | Battery Lifetime
  - 16 years

- Slow | Quick Charging
  - n.a.

- Estimated Average Energy Demand
  - Total: 0.78 kWh/km
  - Production w/o Bat/FC: 0.02 kWh/km
  - Battery Production: 0 kWh/km
  - Fuel Cell Production: 0 kWh/km
  - Maintenance: 0 kWh/km

- Estimated Average GHG Emissions
  - Total: 195.6 g CO2-eq/km
  - Production w/o Bat/FC: 32.0 g CO2-eq/km
  - Battery Production: 0.0 g CO2-eq/km
  - Fuel Cell Production: 0.0 g CO2-eq/km
  - Maintenance: 7.0 g CO2-eq/km
  - Fuel/Energy Supply: 42.1 g CO2-eq/km
  - Tailpipe Emissions: 58.3 g CO2-eq/km
  - Recycling: 1.4 g CO2-eq/km

- Primary Energy Demand
  - Energy Demand Contributions
  - Production w/o Bat/FC: 14%
  - Battery Production: 0%
  - Fuel Cell Production: 0%
  - Fuel/Energy Supply: 83%
  - Maintenance: 3%

- Greenhouse Gas (GHG) Emissions
  - Positive CO2-eq (g CO2-eq/km)
  - Vehicle Life Cycle Average Emissions: 195.6 g CO2-eq/km

- Total GHG Emissions
  - Positive CO2-eq (tons CO2-equivalent/vehicle)
  - Vehicle Life Cycle Average Emissions: 47 (Best: 40 | Worst: 53)

Life Cycle Assessment results calculated with Tool v2.1_2022 by FIA/JOANNEUM RESEARCH based on 240,000 lifetime kilometres for average European conditions.