JRC Dataset

Steel tinplate without EoL recycling (collection year 2012/2013); blast furnace route; European, production mix, at plant; 1kg, typical thickness between 0.13 - 0.49 mm. typical width between 600 - 1100 mm. (Location: RER)

Description:
High data quality. Data collected on site by steel industry experts in accordance with the worldsteel methodology and ISO 14040 standards, and consistency-checked by PE LCA-experts. #Coke, sinter, pellet, hot metal, slab production based on site specific data. #Metallurgical coal data based on global IEA statistics and information from the GaBi database. #Iron ore data obtained from iron ore producer. #Other upstream data based on the GaBi database, including country specific electricity. The LCI does not include any further processing beyond the steelworks gate such as bending, shaping, cutting, welding etc. Technical Purpose: Obtained by electro plating a thin finished cold rolled coil with a thin layer of tin. It can be found on the market in coil or in sheets and is further processed into finished products by the manufacturers. Electrolytic tin plated steel is used primarily in food cans, industrial packaging (e.g. small drums) Geographical Representation: RER

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Keywords:
APEAL, Industry data, Processes

Related resources:
Data access
- Full ELCD Database
  - Landing Page to download the full ELCD Database.

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