JRC Dataset

Steel hot rolled coil; blast furnace route; production mix, at plant; thickness 2 to 7 mm, width 600 to 2100 mm (Location: RER)

Description:
Good data quality. Data collected on site by steel industry experts in accordance with the worldsteel methodology and ISO 14040 standards, and consistency-checked by worldsteel LCA-experts. DEAM database used for upstream electricity data. DEAM data modified by worldsteel for iron ore by direct contact with 4 iron ore mining companies. Global coke production was based on worldsteel site specific data, for 28 coke making plants. An update of the data is being carried out in 2007/2008. Technical Purpose: The various types of hot rolled steel have applications in virtually all sectors of industry: transport, construction, shipbuilding, gas containers, pressure vessels, energy pipelines, etc. Hot rolled steel coil with an anti-slip surface and a diamond or teardrop pattern are typically used for stairs, industrial floors and tailboards for goods vehicles. Geographical Representation: RER

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Materials production, Metals and semimetals

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

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