JRC Dataset

Continuous filament glass fibre (direct rovings); at plant (Location: RER)

Description:

Process-related data were collected from 8 European glass fibre production sites in accordance with ISO 14040. Specific electricity grid models were used for each country where plants are located. Other upstream data are based on global averages. For modelling and other upstream processes and materials, the DEAM and EcoInvent databases have been used. The TEAM software has been used to generate this ELCD data set for continuous glass fibre. Technical Purpose: Continuous filament glass fibre are used in the reinforcement of thermosetting and thermoplastic resins in a wide variety of applications: • the automotive and transport sectors, • the electrical/electronics industry, • the construction industry. • Other markets for composite materials include pipes and tanks, agricultural equipment, industrial machinery, wind-turbine blades and the sports, leisure and marine sectors. Geographical Representation: RER

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Keywords:

Glass and ceramics, Materials production

Related resources:

Data access

Full ELCD Database

Landing Page to download the full ELCD Database.

http://eplca.jrc.ec.europa.eu/ELCD3/

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