JRC Dataset

Continuous filament glass fibre (direct rovings); The main end-use of CFGF products is the reinforcement of thermosetting and thermoplastic resins.; at plant (Location: RER)

Description:
Process-related data were collected from 7 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

Contributors:
- Fazio, Simone simone.fazio@ec.europa.eu
- Pennington, David david.pennington@ec.europa.eu

How to cite:
Fazio, Simone; Pennington, David(2015): Continuous filament glass fibre (direct rovings); The main end-use of CFGF products is the reinforcement of thermosetting and thermoplastic resins.; at plant (Location: RER). European Commission, Joint Research Centre (JRC) [Dataset] PID: http://data.europa.eu/89h/jrc-eplca-64e40a9d-87ff-4aa4-b35f-66662a522224

Keywords:
Glass and ceramics, Materials production

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

Additional information:
Issue date: 2015-01-01
Geographic area: Europe
Temporal coverage: From: 2015-01-01 – To: 2022-12-31
Update frequency: None
Language: English
Data theme(s): Environment; Science and technology
EuroVoc domain(s): 36 SCIENCE; 52 ENVIRONMENT
Identifier: http://data.europa.eu/89h/jrc-eplca-64e40a9d-87ff-4aa4-b35f-66662a522224