JRC Dataset

Polyvinylchloride resin (S-PVC); suspension polymerisation; production mix, at plant (Location: RER)

Description:
Raw data for polymerization and intermediate products are collected by several producers in Europe; the average is calculated by the consultant based on the production capacity of the companies. The LCI result is calculated with background data from the Boustead database. Suspension PVC accounts for more than 80% of the PVC market. In practice the polymer used in production contains stabilisers and fillers/pigments (rigid PVC). The soft PVC also contains plasticisers. Synonyms: PVC, Polyvinyl Chloride Latex, Vinyl Chloride Polymer, Chloroethene Homopolymer

Technical Purpose: Suspension PVC is the general purpose grade and is used for most rigid PVC applications such as pipes, profiles, other building materials and hard foils. It is also plasticised and used for most flexible applications such as cable insulation, soft foils and medical products. Geographical Representation: RER

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Keywords:
Materials production, Plastics

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

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