JRC Dataset

Nylon 66 granulate (PA 66); 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. Synonyms: Polyamide 66 Technical Purpose: About two thirds of the nylon produced in Europe is used for fibres (textiles, carpets, etc.) while most of the remainder is used in injection moulded components (automotive parts, consumer goods, etc.) Other smaller uses are films and filaments. Nylon 66 is often selected for use because of its combination of toughness, stiffness, high melting point and chemical resistance. It is a relatively easy polymer to modify, so the range of different nylon resins available is wider than for most other polymers. Typical modifiers are flame retardants to reduce flammability, rubber to improve impact resistance and glass or minerals to improve stiffness and dimensional stability Geographical Representation: RER

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Materials production, Plastics

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

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