

**Produkt: PB EUROFIBER (PE 104)**

**Date of issue:** 03.07.2017  
**Replaces issue of:** 29.09.2016

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## 01. Identification of the product and the company

**Tradename:** PB EUROFIBER x dtex / y mm PE  
PE-shortcut fiber

**Company identification:** baumhueter extrusion GmbH  
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D-33378 Rheda-Wiedenbrück  
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## 02. Potential hazards

Combustible; no smoking, no open fire.

The product is not a hazardous material according to the German chemical law or the hazardous substances regulation ("Gefahrstoff-Verordnung, GefStoffV"). Our products are not hazardous goods within the meaning of the Chemicals Act §3a 'Hazardous substances and dangerous preparations'.

Accordingly, the stipulations of the CLP Regulation (EC) No. 1272/2008 with respect to classification, identification and packaging of substances and mixtures (abbreviation: CLP-V) do not apply to our products.

It is also not necessary to print hazardous material symbols as specified in the GHS system (Globally Harmonized System) on safety data sheets or labels.

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## 03. Composition / Information on ingredients

**Chemical characterization:** Polyethylene  
CAS-No.: 9002-88-4

**Produkt: PB EUROFIBER (PE 104)**

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**Additives:** Stabilizers and antioxidants  
2.0 % max.  
Fiber finish: max. 1 %

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#### **04. First-aid measures**

No special recommendations; common practise.

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#### **05. Fire-fighting measures**

**Extinguish media - suitable:**

Foam, water fog, carbon dioxide, dry chemical powder

**Extinguish media - unsuitable:**

Not any

**If involved in a fire:**

Compounds hazardous to health are smoke, carbon monoxide, thermal decomposition products

**Special protection equipment in case of fire:**

In case of risk of exposure to smoke and vapour wear suitable breathing equipment.

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#### **06. Accidental release measures**

No special measures necessary. Spilled material is to be collected for recycling or disposal.

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#### **07. Handling and storage**

**Advice for safe handling:** No smoking, no open fire

**Produkt: PB EUROFIBER (PE 104)**

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**Information about storage conditions:** Store at a dry place and away from heating sources; do not store near highly flammable materials.

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## 08. Exposure controls / personal protection

No special recommendations. When using product do not eat, drink or smoke.

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## 09. Physical and chemical properties

### Appearance

**Form:** Multifil-fiber  
**Colour:** Raw white  
**Odour:** Neutral

### Safety data

**Change in physical state:** Melting point approx. 104 °C  
**Flash point:** Approx. 340 °C  
**Auto-ignition temperature:** Approx. 360 °C  
**Density:** 918 kg/m<sup>3</sup>  
**Bulk Density:** 140 - 250 kg/m<sup>3</sup>  
**Solubility in water:** Insoluble

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## 10. Stability and reactivity

**Stability:** Stable under normal conditions

**Conditions to avoid:** Avoid contact with strong oxidizing materials.  
Avoid contact with flames or any ignition source.  
Avoid excessive heating; above 300 °C product starts to decompose

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**Hazardous decomposition products:**

Full combustion with an excess of oxygen forms carbon dioxide and water.

Partial combustion forms mainly carbon monoxide, soot and cracked products such as aldehydes, ketones, fatty acids and hydrocarbons.

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**11. Toxicological information**

No negative physiological effect to be expected. No dangerous material according to the German chemical law or the hazardous substances regulation (Gefahrstoff-Verordnung, GefStoffV").  
Not irritating to skin and eye.

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**12. Ecological information**

**Ecological toxicity:** The product is not ecotoxic.

**Persistence and degradability:** The fiber polymer is insoluble in water and not biodegradable.

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**13. Disposal**

Disposal of material according to local regulations or adequate incineration.

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**14. Transportation information**

Not a hazardous material according to the transport regulations; no restrictions.

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## 15. Legal rules

The product does not require labelling under the hazardous substances regulation ("Gefahrstoff-Verordnung, GefStoffV")

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## 16. Other information

All information given in this document is based on our best present state of knowledge and experience. The purpose of this Safety Data Sheet is to describe the product in terms of its safety requirements. The data do not signify any warranty with regard to the product properties.

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**Data Sheet prepared / consultant:** Dr. Stefan Barwich