

**Safety
information**

Safety information

1. Product

1.1 Product data

Subject No.: 200000-999900

Designation: Insulating strips

2. Composition / Data on constituents

2.1 Chemical properties (individual substance)

PA66

Additional information: In addition to PA66, also contains pigments, fillers, additives, stabilizers and glass fibres.

2.2 Chemical properties (preparation)

Description: Product consists of PA 66, glass-fibre reinforced.

Hazardous constituents: None.

3. Potential hazards

None.

4. First-aid measures

Upon contact with skin: Burns caused by molten material require medical care.

5. Fire-fighting measures

Suitable extinguishing agents:

Water, foam, dry powder and CO₂.

Unsuitable extinguishing agents for reasons of safety: None.

Possibly released at temperatures in excess of 300 °C:

Toxic gases, CO₂, Accompanied by traces of: hydrogen cyanide.

Further information: Formation of further breakdown and oxidation products is dependent on the conditions of the fire. Dispose of fire residues and contaminated fire-fighting water in accordance with regionally applicable official directives.

Special protective equipment: When fighting fires, it is necessary to wear a gas mask with an independent air supply.

6. Measures in case of accidental leakage

No personal or environmental precautionary measures necessary.

7. Handling and storage

Notes on safe handling: No special measures required.

Notes on fire and explosion protection: No special measures required.

Industrial hygiene: No special measures required.

Storage: Store in a dry place to ensure that handling properties are maintained.

8. Exposure limits and personal protective equipment

None.

9. Physical and chemical properties

9.1 Appearance

Shape: Oblong

Colour: Black or other

Odour: Odourless

9.2 Safety data

Melting point: 250 – 265 °C

Flash point: 490 °C

Ignition point: 530 °C

Density PA66 GF25: 1.25 – 1.35 g/ccm

Density Low Lambda PA66 GF25: 0.90 – 1.10 g/ccm

Fire-promoting properties: Incineration or overheating

9.3 Further data

Combustion rate of PA66: 1–2 cm/min

10. Stability and reactivity

Thermal decomposition at > 300 °C.

Hazardous decomposition products: Carbon monoxide, hydrogen cyanide; Depending on fire conditions: Aldehydes, amines, ammonia, ketones, nitriles and traces of nitrogen oxides possible.

Further data: No hazardous reactions observed.

11. Toxicological data

According to our experience and information, the product does not constitute a health hazard when handled and used correctly.

12. Ecological data

No ecotoxic effects; water hazard class (WHC): 0 (generally not a water hazard because water-insoluble, non-toxic solid)

General note: When handled correctly, no environmental risks expected.

13. Notes on disposal

The material in the product can be recycled. The product can be disposed of as household refuse in accordance with local directives or can be fed into a suitable incinerator.

14. Transportation data

Does not constitute a hazard in terms of transportation regulations.

15. Regulations

Not classified by Dangerous Chemicals Ordinance or relevant EC Guidelines.

When handling dust generated during mechanical processing, e.g. grinding, observe the relevant directives/limiting values for fines (lower toxic limit for fines: 6 mg/m³).

16. Other data

The cited data are based on our current knowledge and must not be taken as a warranty of properties.

The recipient of our product assumes responsibility to observe existing laws and provisions.