

Information data sheet according to REACH regulations (EG) No. 1907/2006

- 1. Trade name** Dipolen®
- 1.1 Use of the material** Plastic regranulate for injection moulding and extrusion
- 1.2 Company** mtm plastics GmbH
Bahnhofstraße 106
D-99759 Niedergera
Tel.:0049.(0)36338.3250
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2. Possible dangers

None

3. Composition/information on the ingredients

- 3.1 Chemical characteristics**
Polypropylene and copolymers from propylene and other polyolefines
- 3.2 Dangerous ingredients**
None
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4. First aid measures

General information:
After contact with the skin: burns caused by melting material must be treated clinically. Do not remove congealed product from the skin.
After breathing in: ---
After contact with the eyes: draw back the eyelids and rinse thoroughly for 15 minutes in running water.

5. Fire fighting measures

Suitable extinguishing media: aqueous or polymer film forming dry foam extinguishing agents
Dry powder extinguishing agents: (only for the fire ignition phase)
Unsuitable extinguishing agents due to safety reasons: full water jet
A fire can produce: CO, CO₂, soot

6. Measures in case of an unintentional release

The spilled material leads to a risk of slipping and must therefore be removed mechanically and not be flushed into the sewage system.

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7. Handling and storage

Handling

Fire and explosion protection: Accumulations of fine particles (< 0.125 mm) must be avoided, especially in cases of pneumatic conveying. The material is inflammable and therefore the relevant fire protection measures must be observed.

8. Limiting exposure and personal protective equipment

Additional information for the design of technical installations
(see 7)

Ingredients with workplace related threshold values, which must be monitored
None

Personal protective equipment
None

General protective and hygiene measures:
Good ventilation must be assured during processing. The inhalation of gaseous products of decomposition, which can be produced by significantly overheating the material, should be avoided.

9. Physical and chemical properties

Form: granulate
Colour: various according to dye
Odour: weak

Change of state

Melting temperature:	155 - 170 °C	(DSC)
Ignition temperature:	> 350 °C	(ASTM D 1929)
Steam pressure:	not applicable	
Density: (23 °C)	0.9 - 0.98 g/cm ³ according to type	(DIN 53 479)
Bulk density:	> 480 kg/m ³	
Water solubility:	insoluble	

10. Stability and reactivity

Conditions to be avoided: ---
Thermal decomposition: > 340 °C (DTA)
Production of inflammable gases/vapours.
Materials to be avoided: ---

Dangerous reactions: danger of dust explosion (see 7)
Dangerous decomposition products: monomeres, inflammable gases / vapours

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11. Information on toxicology

In our experience and according to our information, the product has no negative effects on health where it is used appropriately and in accordance with its intended purpose.

12. Information on ecology

Ecotoxicity

The product has not been tested. Based on the consistency and low solubility of the product in water, a bioavailability is unlikely.

13. Information on disposal

Material:

Check for recycling possibilities. In accordance with local regulations, it can be deposited in the same way as household waste or be supplied to a suitable incinerating plant.

Waste code no. according to the Abfallverzeichnis-Verordnung (AVV) (German waste register regulation) for the unused product: 150102 (plastic packaging)

Uncleaned packaging: Empty packaging must be completely emptied.

14. Information on transport

Not dangerous goods in the sense of the transport regulations.

15. Regulations

Labelling according to EU guidelines (GefStoffV/EG) (EU dangerous materials regulation)

not required

National regulations

Water hazard classification: harmless to water.

16. Other information

The aforementioned information is based upon the current status of our knowledge. However, they do not constitute a guarantee for the properties of the product and do not form a basis for any legal contractual relationship. The recipients of our product must observe existing laws and regulations on their own responsibility.
