AODISI

FIRE TECHNOLOGY

# 产品资料与销售咨询

PRODUCT DOCUMENTATION & SALES CONTACT

## PYRO-SAFE ® B M 3101 - Technical Data Sheet-en


澳迪斯防火科技（廊坊）有限公司

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以上为销售联系信息，不替代安全数据表中的应急联系电话。
原始技术内容及制造商、检测机构和证书签发信息见后续资料页。

Sales contact only; emergency contacts in safety data sheets remain applicable.
Original technical, manufacturer and certification details follow.

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# PYRO-SAFE® B M 3101

## Insulation Materials

### Description

PYRO-SAFE® B M 3101 is a non-flammable mat based on calcium magnesium silicate and is used for thermal insulation. Due to the enormous temperature resistance of up to 1200 °C, the mat is mainly used in the insulation of battery systems, storage/transport units and in vehicle construction.



### Areas of Application

- storage & transport
- module & system level
- on request

### Delivery and Packaging

| PYRO-SAFE® B M 3101 | |
|---|---|
| **Lengths [mm]** | 10 000 |
| **Thicknesses [mm]** | 1–10 |
| **Width [mm]** | 10–1000 |
| **Special formats** | available on request |
| Article number | |
| | on request |



Tech.Rev.: 1.0
Ling. Rev.: 1.0

# PYRO-SAFE® B M 3101

## Technical Data

| | |
|---|---|
| Composition | insulating building material based on calcium magnesium silicate |
| Material structure | light, flexible and compressible mat material |
| Bulk density [kg/m³] | 200 to 300 |
| Temperature resistance [°C] | 1200 |
| Melting point [°C] | from approx. 1330 |
| Tensile strength [N/mm²] | approx. 0.35 |
| Thermal conductivity [W/(m·K)] | 0.1 (at 400 °C) |

| | |
|---|---|
| Storage | dry, indoors |
| Safety information | Not a hazardous substance per the German ordinance on hazardous substances [GefStoffV] and not a hazardous good per the German ordinance on dangerous goods [GGVS/ADR].<br>Consult the safety data sheet for further information. |