



## A NEW nonwoven made of pure Melamine

*One of the best priced acoustic and thermal insulating materials for high-temperature applications.*

### Application

- Melamine-Meltblown combines the material immanent properties of Melamine with the specifics of a meltblown nonwoven with its extreme fine fibers.
- Melamine-Meltblown is an inherent flame resistant material and does not burn, shrink, melt and drip. At decomposition emerging gasses are low in quantity and non-toxic.
- Melamine-Meltblown has a high chemical and UV resistance.
- Melamine-Meltblown has outstanding acoustic and thermal insulation properties; due to very fine fibers down to  $0.5 \mu\text{m}$ .
- Melamine-Meltblown can achieve today's requirements with lower weight and is a lightweight and best priced material.
- Melamine-Meltblown meets Oeko Tex Standard 100 - Class 1 as well as the Formaldehyd requirements according to VDA 275.





# Innovations characterize the range of products



*Melamine-Meltblown is produced in one process directly as a ready to use nonwoven.*

## The Technology

The raw material, a modified melamine resin, has a thermoplastic processing window which makes it applicable in conventional thermoplastic processes. Melamine-Meltblown can be directly produced by a modified meltblown process developed at TITK. No intermediate steps are needed to obtain a fabric. Melamine-Meltblown receives an inline treatment to gain the known thermoset properties of melamine.

The masterbatches can be integrated conveniently into existing processing lines. The typical process parameters remain unchanged.

## Fields of Applications

Where you require a combination of excellent acoustic and thermal insulation at high temperature and non-flammability, the new Melamine-Meltblown nonwoven is the solution of choice.



Protech



Clothtech



Sporttech



Buildtech



Mobiltech



Packtech



Indutech



Hometech



smartMELAMINE

Please contact us if you have any further questions or would like to have more information.

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