Product Information Sheet

mpt

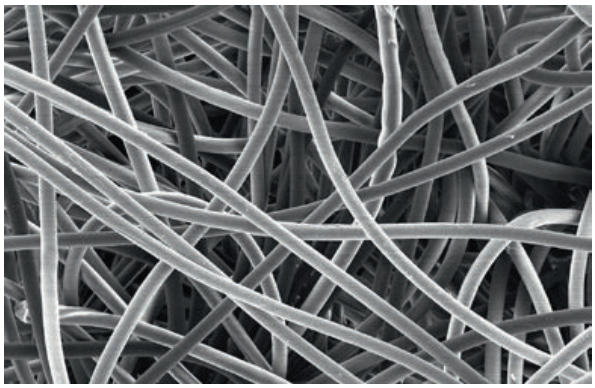
High Efficiency Surface Filtration

INTRODUCTION

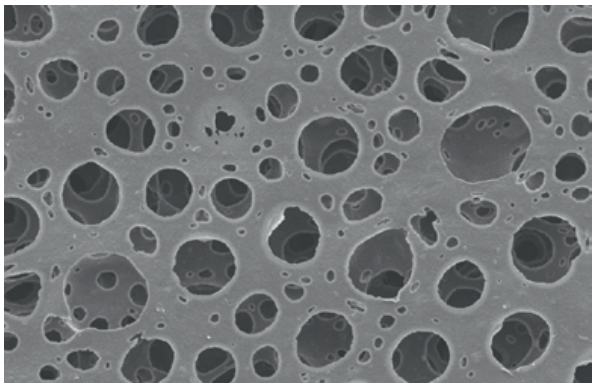
mpt = microporous coating based on polyurethane for Alkegen filter media. The product has been used successfully in technically demanding applications, with difficult to handle dusts, materials and gases, especially where an extremely low emission rate has to be achieved.

mpt is a microporous, tridimensional coating and is extremely useful in the filtration of toxic and abrasive dusts. For applications, where there are special requirements for electrical conductivity, as per DIN 54345/1+5, the product *condutex® mpt* is available. Alkegen filter media with mpt performs very successfully in the food industry.

Another important application is in the cement industry, where Alkegen filter media with mpt-coating achieves unique results, particularly in cement mills.



SEM picture needlefelt surface



microporous structures due to mpt

Advantages of *mpt*

- Extremely low dust outlet emissions
- Excellent resistance to abrasion and wear achieved by a special process of integrating the mpt-coating on to the filter media
- High flexibility
- Smallest possible pore-size as well as pore distribution
- Hydrophobic and oleophobic

The following are registered trademarks of Alkegen: *mpt*.

The test data shown are average results of tests conducted under standard procedures and are subject to variation. Results should not be used for specification purposes. Product Information Sheets are periodically updated by Alkegen. Before relying on any data or other information in this Product Information Sheet, you should confirm that it is still current and has not been superseded. A Product Information Sheet that has been superseded may contain incorrect, obsolete and/or irrelevant data and other information.

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