Press release

Date
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“Tuning for filter elements” – Jowat SE brings the latest adhesive solutions to Filtech 2016

Detmold, August 2, 2016 – Under the headline “Tuning for filter elements”, Jowat is going to present the latest developments in adhesive products for the manufacture of filters and filter media at the leading trade fair for filtration and separation equipment. At the show, Jowat is going to focus on pleating, frame bonding and attaching the activated charcoal on air filters for vehicles and buildings.

Adhesives used in filter media manufacturing have to meet tough demands: different requirements with regard to air filtration in vehicles and buildings, as well as a wide range of filter materials and manufacturing methods. And the demands are getting tougher each day, for instance due to more compact engines in cars. At Filtech 2016, Jowat is presenting the latest developments in adhesive solutions, which are characterised by high heat resistance for the hardening process of filter papers impregnated with phenolic resin, and high flexibility during the installation and the change of air filter elements. In addition, the products have excellent processing characteristics and provide a high value contribution.

Pleating and frame bonding

Jowatherm® and **Jowat-Highterm®** adhesives for pleating and frame assembly provide a high initial strength as well as an open time adapted to the typical process speed.

In pleating operations, **Jowat-Highterm®** adhesives impress through superior adhesion to different types of filter materials, like papers and non-wovens, and a high heat resistance which is necessary for downline processing steps.

Due to their flexibility, **Jowatherm®** and **Jowat-Highterm®** adhesives are resistant even to heavy deformations during the installation or change of filters, therefore ensuring durable filter elements.

Laminating activated charcoal media

The low application amount required with **Jowatherm-Reaktant®** and **Jowat-Toptherm®** adhesives for laminating activated charcoal media ensures a large surface of activated charcoal, therefore providing the best air filtration effect and increasing the performance of the filter. **Jowatherm-Reaktant®** facilitates the manufacture of passenger cell air filters in OEM quality.

Due to the latest developments in **Jowat-Toptherm®** polyolefin hot melts, the same adhesive can be used for manufacturing the activated charcoal filter media as well as the filter frames.

Come visit Jowat at Filtech 2016 in hall 11.1 booth C17.

For more information, visit www.jowat.de/en/.

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Further information

Jowat Klebstoffe

The following photos are available:

Photo 1:
"Adhesives for pleating"
Source: Jowat SE

Photo 2:
"Adhesives for frame bonding"
Source: Jowat SE

Photo 3:
"Adhesives for laminating activated charcoal filter media"
Source: Jowat SE

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Further information

Jowat Klebstoffe

Introducing Jowat

Jowat SE with headquarters in Detmold is one of the leading suppliers of industrial adhesives. These are mainly used in the woodworking and furniture manufacture, in the paper and packaging industry, for graphic arts, in the textile, automotive as well as in the electrical industry. The company was founded in 1919 and has manufacturing sites in Germany in Detmold and Elsteraue, plus four other producing subsidiaries, Jowat Corporation in the USA, Jowat Swiss AG, Jowat Manufacturing in Malaysia, and the Jowat Universal Adhesives Australia Pty. Ltd. in Australia. The supplier of all adhesive groups is manufacturing over 73,000 tons of adhesives per year, with around 1,000 employees. A global sales structure with 21 Jowat subsidiaries plus partner companies is guaranteeing local service with close customer contact.

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