

Sustainable and Optimized Bonding Solutions: Jowat SE at FACHPACK 2024

Detmold, August 21, 2024— Achieving truly sustainable packaging solutions demands the use of appropriate adhesives, and Jowat SE delivers with its innovative Green Adhesives product family. The company will showcase its latest offerings and provide expert consultations on these and other topics at this year's FACHPACK.

As a leading partner in the development of packaging adhesives, Jowat SE is recognized for its forward-thinking solutions. With the Green Adhesives range, Jowat SE aims to enhance packaging processes with a focus on ecological aspects while meeting the diverse demands for sustainable bonding. Key considerations include the use of bio-based raw materials, resource-efficient manufacturing, and compatibility with recycling and the circular economy.

For example, Jowat's hot melt adhesives, Jowatherm® GROW 853.20 and Jowatherm® GROW 853.22, utilize resins derived from by-products of paper production, ensuring they do not compete with food resources. Jowatherm® GROW 853.22 boasts a certified renewable raw material content of 51%, offers broad adhesion capabilities even on challenging surfaces, and demonstrates excellent cold flexibility, making it ideal for deep-freeze applications.

For energy-efficient packaging processes, Jowatherm® PO 851.99 stands out. This adhesive can be processed at just 99°C, enabling energy savings of up to 45% during the gluing process. It also features versatile properties and a wide adhesion spectrum, ensuring safe packaging of temperature-sensitive products like chocolate, as well as dry or fatty foods with long shelf lives, all while being free from MOAH (below typical detection limits).

Another focus at the trade fair will be on Jowatherm® PO 851.10 and Jowatherm® PO 851.20, popular adhesives well-regarded across the industry. Jowatherm® PO 851.10, also MOAH-free, is a top all-rounder known for its high yield, clean processing, reliable bonding of difficult surfaces at various temperatures, and its ability to meet stringent food safety requirements. Jowatherm® PO 851.20, meanwhile, impresses with its high heat resistance and initial strength, making it the go-to choice for high-temperature environments, the packaging of hot goods, and bonding materials with significant tension in short press times.

Across all Jowat packaging adhesives, from the development stage onward, there is a strong emphasis on optimized string behavior, ensuring particularly clean processing during packaging. This reduces contamination of system components and packaging, lowers maintenance costs, and prevents unnecessary material waste.

Date

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Photo:



Adhesives manufacturer Jowat presents its comprehensive green adhesives portfolio for food packaging at FACHPACK.

Our Word is Our Bond

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Introducing Jowat

Jowat SE with headquarters in Detmold is one of the world's leading suppliers of industrial adhesives. These are mainly used in 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 Jowat China Adhesives Co. Ltd.. The supplier of all adhesive groups is manufacturing 100,000 tonnes of adhesives per year, with 1,300 employees. A global location structure with 26 organisations plus partner companies is guaranteeing local service with close customer contact.

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