

Bio-based reactive PUR hot melt adhesive for sustainable textile lamination

Detmold, 23 November 2020 – Jowat is presenting the latest addition to its Jowatherm-Reaktant® GROW product family – the first certified bio-based reactive polyurethane hot melt adhesive for textile laminating.

Only high-performance bio-based adhesives that have been optimised for the use in sustainable manufacturing processes are included in the “GROW” product line from Jowat. Jowatherm-Reaktant® GROW 631.20 is the first reactive PUR hot melt adhesive based on renewable raw materials available for laminating operations in the textile and automotive industry. The sustainable adhesive is marked with the labels “DIN geprüft biobasiert” (bio-based certification by the German Institute for Standardization, DIN) and “Green Leaf by Intertek”.

The new adhesive boasts a certified renewable raw material content of over 20 % and is characterised by a performance on par with its established conventional counterparts in the Jowat portfolio. The new bio-based adhesive fulfils high requirements for washing resistance and soft textile feel, can be processed at temperatures between 110 and 140 °C, and meets of course the specifications of “ECO PASSPORT by OEKO-TEX®” for the manufacture of products certified according to “STANDARD 100 by OEKO-TEX®”. In addition, it can be easily integrated in existing processes.

It can be used for bonding operations in the manufacturing of mattresses and upholstery covers, medical textiles, protective clothing, building textiles, abrasive materials, cleaning textiles, and all established textile laminating applications in the automotive industry. Due to the renewable raw materials in its formulation, it is of particular interest for enterprises that want to reduce the use of fossil raw materials in their manufacturing processes step by step.

Jowatherm-Reaktant® GROW 631.20 is the first in a series of reactive PUR hot melt adhesives with the “GROW” label to be presented by the adhesives manufacturer Jowat from Detmold. It marks an important step on the way towards more sustainable bonding processes.

www.jowat.com

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Further information

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The following photos are available:



Jowatherm-Reaktant® GROW 631.20 – the first certified bio-based reactive polyurethane hot melt adhesive for textile laminating

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 the Jowat Universal Adhesives Australia Pty. Ltd. in Australia. The supplier of all adhesive groups is manufacturing over 90,000 tonnes of adhesives per year, with more than 1,200 employees. A global sales structure with 23 subsidiaries plus partner companies is guaranteeing local service with close customer contact.

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Further information
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