

October 25, 2024

Eco-Conscious "LIMEX Sheet" Passes Printing Quality Test on KOMORI Digital Printing Machines Following Coating Technology Improvements

Promoting the use of the "Impremia IS29" series for various printed materials targeting the digital printing markets worldwide

TBM Co., Ltd. (Head Office: Chiyoda-ku, Tokyo; CEO: Nobuyoshi Yamasaki, hereafter "TBM") is pleased to announce that it will strengthen the sales of its eco-conscious "LIMEX Sheet," which is made primarily from inorganic materials such as calcium carbonate, to companies using the digital printing machine "Impremia IS29" from KOMORI Corporation (Head Office: Sumida-ku, Tokyo, hereafter "KOMORI").



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The digital printing market is expected to grow from USD 33.4 billion in 2024 to USD 45.9 billion by 2029, with a projected annual growth rate of 6.7%*. In particular, the demand for high-quality, short-delivery printed materials such as direct mail, flyers, posters, and point-of-purchase (POP) displays is increasing.

*Source: Mordor Intelligence "Digital Printing Market Size - Industry Report on Share, Growth Trends & Forecasts Analysis (2024 - 2029)"

"LIMEX Sheet" is an eco-conscious material that reduces the use of petroleum-based plastics compared to conventional plastic sheets, thereby lowering the emissions of greenhouse gases, including CO2. TBM's plant in Tagajo City, Miyagi Prefecture, operates using electricity that is effectively carbon-neutral, and are committed to reducing greenhouse gas emissions throughout the product lifecycle.

With improvements to the coating technology of "LIMEX Sheet," TBM has successfully passed printing quality tests using KOMORI's "Impremia IS29" series. As a result, TBM can now propose "LIMEX Sheet" as a material option to companies that use "Impremia IS29" to produce promotional items such as POP displays, signs, and carton sheets. TBM will continue to actively promote the adoption of "LIMEX Sheet" in both domestic and international digital printing markets.

Related Links:

For more information on LIMEX Sheet: <https://tb-m.com/eng/products/products-sheet/>

■ Supported Models and Applications:

- Supported Models: Impremia IS29 series
- Intended Applications: POP displays, tapestry
- Available Sheets: LIMEX Sheet 400 μ m white soft, 200 μ m semi-transparent hard (*), 300 μ m white hard (*When the option is applied)

Inquiries:

For those considering the use of LIMEX Sheet or seeking to improve their environmental initiative, please contact us via the inquiry form: <https://tb-m.com/eng/contact-en/>

■ TBM Co., Ltd.

TBM is a company based in Japan specializing in developing and delivering LIMEX, an innovative new material mainly made from inorganic materials. The basic patents of LIMEX have been registered in over 40 countries and introduced to over 10,000 organizations. LIMEX is registered in the Sustainable Technology Promotion Platform "STePP" by UNIDO as a recyclable material that can be an alternative to plastic and paper. By supplying and recycling LIMEX, TBM aims to solve plastic waste, resource depletion, and various environmental issues.

<https://tb-m.com/eng/>

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