

New acrylic based foam core for composite sandwich design: Learn more about ROHACRYL™ at JEC World in Paris

March 7, 2018

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A new development in core material technology from Evonik Industries, Essen, will make its debut at JEC World 2018 in Paris. The newcomer to the Performance Foam family of products is ROHACRYL™ – an acrylic chemistry based structural foam with high potential for composite applications.

ROHACRYL™ foam is a core material solution that has excellent mechanical properties and is thermally stable. It is lightweight, easy to shape and environmentally friendly.

The new foam product is the newest material solution from Performance Foams Product Line, a business that is already well-known worldwide for providing high performance ROHACELL® PMI foam. Its structural core material products have been used for more than 40 years in industries that include aerospace, automotive, electronics, medical technology, sports equipment and others. The new ROHACRYL™ product introduction represents Evonik's next step in expanding its wide range of product offerings to customers in the composites market around the world.

Driving initial development of ROHACRYL™ was the Wind Energy industry trend toward increasingly longer turbine blades that must meet demanding requirements. Ideally, materials used in blade production should be lightweight while providing both higher mechanical properties and an ability to remain stable when cured at high temperatures. Multiple material solutions in the market offered either high mechanical properties or withstood a high curing temperature, but not until the introduction of ROHACRYL™ foam has a core material solution offered both in a single product. Other industries with similar efficient production methods may find the new product interesting for their applications.

A shaped ROHACRYL™ foam core will be on display in the Evonik booth located at J40 in Hall 5. Representatives will be on hand to share product details and discuss whether it is the perfect core material solution for interested customers.

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Company information

Evonik is one of the world leaders in specialty chemicals. The focus on more specialty businesses, customer-orientated innovative prowess and a trustful and performance-oriented corporate culture form the heart of Evonik's corporate strategy. They are the lever for profitable growth and a sustained increase in the value of the company. Evonik benefits specifically from its customer proximity and leading market positions. Evonik is active in over 100 countries around the world with more than 36,000 employees. In fiscal 2017, the enterprise generated sales of €14.4 billion and an operating profit (adjusted EBITDA) of €2.36 billion.

Evonik's international activities are organized into six regions. The Asia Pacific North region consists of China, Taiwan, Japan & Korea, and is headquartered in Shanghai. Sales in Asia Pacific North reached 2,158 million euros in 2017. Evonik regards China as one of the driving forces of the global economy and we consequently endeavor to grow our business here. The company now employs about 3,000 employees and has in total of 10 production sites in China.

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