

A strong future for carbon, glass, synthetic and natural fibre textiles in composites

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Abstracts

Exciting developments in the composites industry are spurring major new investments in textile technologies. Over the past ten years, investments have been driven by the aerospace industry with a focus on reducing the weight of aircraft. Now, the emphasis is on reducing the weight of passenger cars and other vehicles. Parts for vehicles are being made from composites reinforced with fibres and fabrics made from various materials, including carbon, glass and polyester, as well as natural fibres. The dynamism of the industry was evident at the March 2014 edition of the JEC Europe composites show, which was held in Paris, France. This report contains insight and analysis of developments in a wide range of companies and other organisations involved in the sector, including 3A Composites, 3B, AGY, Arkema, BMW, Bcomp, Chomarat, DSM Composite Resins, Eco Technilin, ELG Carbon Fibre, Formax, Hexcel, Jaguar, Johns Manville, Ju Teng International, Lamera, Lantor, Lingrove Composites, Magna International, Owens Corning, Polyplastic, Porsche, RocTool, Roding, Siemens Wind Power, Silberform, Sigmatex, Technical Fibre Products (TFP), Technical University of Denmark, Toray, Trevira, Zodiac Aerospace and Zoltek.

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Automotive Composites Circle

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AGY: S-2

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Johns Manville: Evalith, ThermoFlow 636 and E-glass
Owens Corning: Ultrablade
Owens Corning: Sustaina
Owens Corning and Polyplastic: PerforMax

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Bcomp: powerRibs
Zodiac Aerospace: composites made from twinflax flax reinforcement and Arkema's Rilsan

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