



SHD Group Launches MTE500: An Evolution in Cost-Effective Composite Component Systems

Press release

11th June 2025

SHD Group has today announced the launch of MTE500, a new cost-efficient epoxy component system engineered for optimised performance across a broad range of applications.

The hot-melt, solvent-free, MTE500 resin system represents an evolution in formulation, product processing, and final prepreg format delivering a solution with superior processing versatility and exceptional visual qualities.

With improved handling, 60-day outlife at 20°C and 24 months freezer storage life, MTE500 offers excellent flexibility for manufacturers whilst maintaining cost effectiveness.

"MTE500 is a testament to SHD's continuing commitment to support the industry in delivering high-quality components through increasing cost pressures," said Steve Doughty, Managing Director. "We understand the evolving needs of our customers, and this novel system directly addresses the demand for more efficient and economical solutions without compromising on performance."

Through continual innovation strategies, SHD manufacture advanced composite materials on highly efficient, low energy production lines, offering a more sustainable alternative to incumbent composites. With flexible and local supply, high capacity and low MOQ, SHD are the ideal partner to provide a variety of prepreg products on short lead times. Equally suited to small projects with low MOQs as high-volume serial production, MTE500 is available globally.

About SHD Group

SHD Group operates through 4 manufacturing sites in the UK, Europe and USA, and are well-established industry suppliers of high-quality component, structural and tooling prepreg materials. EN9100:2018 and ISO9001:2015 accredited, SHD pride itself on its commitment to quality, exceptional service and responsiveness to local customer needs.

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