Rega Turns to Graphene to Improve Sound Quality

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Haydale, the global technology solutions company, is pleased to have supplied audio equipment manufacturer Rega Research Ltd with its mechanically enhanced prepreg for improved sound quality on its latest turntable.

Using Haydale's HDPlasÒ technology, the graphene-enhanced prepreg has been applied into the manufacturing process for Rega's award-winning turntables. The mechanically enhanced prepreg has been combined into the stressed skin design of the plinth and bonded to the core material to increase the stiffness of the part by 11% reducing resonance and improving sound quality.

Renowned for developing and manufacturing some of the most highly regarded turntables, the technology Rega use is the same as developed for the manufacture of jet aircraft wings that both require light weight and strength. The addition of graphene continues to place high-tech materials at the forefront of Rega's audio equipment development to achieve low mass and high rigidity.

Commenting on this latest development, Rega Design Co-ordinator Colin Dilliway said: "Every Rega product is designed to achieve the best musical performance and sound reproduction possible. These graphene enhancements have increased the stiffness of our product for improved sound quality. We look forward to working with Haydale on further developments aimed at making our products even better and manufacturing new ground-breaking products."

Haydale CEO Keith Broadbent added: "As we continue to work with market-leading customers, I am delighted to see graphene once again being used in application with significant performance improvements. Rega are well known for their use of high-tech

materials and the use of graphene in their latest turntable is a ground-breaking product."

Read the original article on Shares Magazine.