

oxeon - Press Release

New Lightweight and High Performance Carbon Fiber Reinforcement for the Bicycle industry

Carbon fiber is a well known material within the bicycle industry for manufacturing lightweight and high performance products. The huge demand for carbon fibers in the aerospace and aircraft industries in the last couple of years has led to an uncertainty in steady supply of lightweight reinforcements made using 1k, 3k and 6k carbon fibers, especially for the sport- and leisure industry.

To overcome the problem Swedish carbon reinforcement producer, Oxeon AB, have developed new technologies to produce light weight high performance carbon reinforcements from the readily available 12k and 24k carbon fibres. Products are sold under the brand names TeXtreme® fabrics and TeXero® UD tapes.

TeXtreme® fabrics is a 0/90 woven reinforcement and can easily be used to replace traditional 1k, 3k and 6k fabrics. TeXtreme® is available in weights from 80 g/sqm.

TeXero® is a high quality dry UD-tape suitable for any application where low weight and high stiffness in one direction is required. TeXero® is supplied in widths up to 300 mm with a starting areal weight of 40 g/sqm.

About Oxeon

Oxeon produces and sells spread tow woven carbon fabrics TeXtreme® and spread UD tapes TeXero®. Oxeon's novel spreading and weaving technologies enable production of very light weight and high performance carbon fabrics even from large tows (12k and higher).



More information can be had from:

Henrik Olofsson,
Business Development Manager, Oxeon AB
Phone: +46 33 20 59 72
Email: henrik.olofsson@oxeon.se
Web: www.oxeon.se

Oxeon AB, Norrby Långgata 45, 504 35, Borås, SWEDEN
Phone: +46 (0) 33 20 59 70 Fax: +46 (0) 33 20 59 79
E-mail: contact@oxeon.se Web: www.oxeon.se